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ANNUAL INDUSTRY REPORT

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MANUFACTURES OF THE NON-METALLIC MINERALS GROUP

THE PETROLEUM PRODUCTS INDUSTRY, 1937.

Statistics for the Petroleum Products Industry cover all establishments in Canada which were occupied chiefly in - (a) the refining of crude oil to produce gasoline, fuel oil, etc., and (b) the blending or compounding of lubricating oils and greases.

Forty-four refineries and 13 blending plants, or a total of 57 works, reported under this category in 1937 and the aggregate value of production was \$98,454,014, an increase of 15 per cent over the total of \$85,802,363 for the 63 operating establishments in 1936.

The output figure for 1937 included \$97,701,954 for petroleum refineries and \$752,060 for concerns engaged in blending oils and greases. The principal statistics for each of these groups and for the industry as a whole are tabulated below and the detailed figures for each division are recorded separately in the succeeding pages of this report.

Table 1 - PRINCIPAL STATISTICS OF THE PETROLEUM PRODUCTS INDUSTRY, 1933 - 1937.

Year	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>PETROLEUM REFINING</u>							
1933 .....	37	67,566,886	4,551	6,041,230	3,130,719	48,916,966	69,803,721
1934 .....	42	66,450,496	4,876	6,274,799	3,117,697	56,659,492	75,785,677
1935 .....	45	64,012,045	4,771	7,046,675	3,839,424	58,415,916	79,176,081
1936 .....	50	61,307,820	4,935	7,193,148	3,927,321	66,219,148	85,172,981
1937 .....	44	63,759,379	5,047	8,126,583	4,444,878	79,993,972	97,701,954
<u>COMPOUNDING OILS AND GREASES</u>							
1933 .....	10	626,968	77	100,715	7,000	270,971	464,544
1934 .....	9	570,545	81	104,427	6,837	309,523	551,836
1935 .....	13	695,409	85	106,549	7,625	453,898	774,444
1936 .....	13	576,106	84	116,807	5,313	336,737	629,382
1937 .....	13	520,687	90	120,260	5,127	407,908	752,060
<u>TOTAL</u>							
1933 .....	47	68,193,854	4,628	6,141,945	3,137,719	49,187,757	70,268,265
1934 .....	51	67,021,041	4,957	6,379,226	3,124,534	56,969,015	76,337,513
1935 .....	58	64,707,454	4,856	7,153,224	3,847,049	58,869,814	79,950,525
1936 .....	63	61,883,926	5,019	7,309,955	3,932,634	66,555,885	85,802,363
1937 .....	57	64,280,266	5,137	8,246,843	4,450,005	80,401,880	98,454,014

Table 2 - PRINCIPAL STATISTICS OF THE PETROLEUM PRODUCTS INDUSTRY, BY PROVINCES, 1937.

Province	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1936</u>							
Quebec .....	7	21,022,130	1,067	1,670,552	1,383,766	20,753,097	27,504,940
Ontario .....	14	20,861,503	2,064	2,917,761	1,278,164	21,729,194	26,532,661
Manitoba .....	4	497,039	68	74,378	40,941	951,886	1,477,159
Saskatchewan ....	18	4,853,294	466	606,919	298,216	5,246,588	6,638,204
Alberta .....	12	5,260,904	488	721,058	237,560	5,646,597	7,410,882
British Columbia .	5	5,442,752	401	651,387	263,654	7,074,784	9,205,427
Other provinces .	3	3,946,304	465	667,900	430,333	5,153,739	7,033,090
CANADA .....	63	61,882,926	5,019	7,309,955	3,932,634	66,555,885	85,802,363
<u>1937</u>							
Quebec .....	8	24,247,079	1,212	2,117,224	1,515,148	26,680,351	33,906,272
Ontario .....	14	20,444,475	2,129	3,360,737	1,592,353	24,751,152	28,842,214
Manitoba .....	3	614,858	66	74,334	38,150	991,665	1,569,130
Saskatchewan ....	17	4,697,033	463	670,500	349,850	5,937,890	7,659,551
Alberta .....	8	3,863,406	410	642,974	197,588	5,766,122	8,373,725
British Columbia .	4	5,114,725	370	631,779	302,384	8,398,981	10,430,368
Other provinces .	3	5,298,690	487	748,795	456,532	7,875,719	7,672,754
CANADA .....	57	64,280,266	5,137	8,246,843	4,450,005	80,401,880	98,454,014

Table 3 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES, and CAPITAL EMPLOYED, 1937.

	Number of plants	Capital employed	Number of employees	Gross selling value of products at works
		\$		\$
<u>(a) PRODUCTION</u>				
Under \$25,000 .....	8	209,017	30	123,890
\$25,000 to \$50,000 .....	8	208,672	39	296,559
\$50,001 to \$100,000 .....	10	965,548	88	764,682
\$100,001 to \$250,000 .....	9	840,716	106	1,445,265
\$250,001 to \$500,000 .....	4	1,281,261	106	1,458,562
\$500,001 to \$1,000,000 .....	4	5,311,671	95	3,325,302
\$1,000,001 to \$5,000,000 .....	6	10,050,893	725	16,183,327
Over \$5,000,000 .....	8	45,417,488	3,948	74,856,427
TOTAL .....	57	64,280,266	5,137	98,454,014
<u>(b) NUMBER OF EMPLOYEES</u>				
1 or 2 .....	2	21,254	3	40,961
3 to 10 .....	25	1,498,636	150	1,552,209
11 to 20 .....	11	5,074,694	150	3,010,054
21 to 50 .....	5	2,222,301	161	2,811,016
51 to 100 .....	3	2,791,941	201	5,785,548
101 to 250 .....	6	22,796,215	900	31,896,072
Over 250 .....	5	29,875,225	3,572	53,358,134
TOTAL .....	57	64,280,266	5,137	98,454,014
<u>(c) CAPITAL EMPLOYED</u>				
Under \$25,000 .....	9	106,483	30	221,013
\$25,000 to \$100,000 .....	22	1,339,079	196	1,885,055
\$100,001 to \$1,000,000 .....	12	4,479,038	284	5,787,729
Over \$1,000,000 .....	14	58,355,666	4,627	90,560,217
TOTAL .....	57	64,280,266	5,137	98,454,014

(a) THE PETROLEUM REFINING INDUSTRY

The 44 petroleum refineries which operated during 1937 were distributed as follows - 17 in Saskatchewan, 8 in Alberta, 5 in Ontario, 5 in Quebec, 3 in Manitoba, 3 in British Columbia, and 1 in each of Nova Scotia, New Brunswick, and the Northwest Territories. Compared with 1936 there was a gain of 1 refinery in Quebec and a loss of 4 in Alberta, 1 in Saskatchewan, 1 in Manitoba and 1 in British Columbia, while in the other provinces the number remained unchanged. The operating refineries had a combined capacity of 168,220 barrels of crude oil per day distributed by provinces, as follows - Quebec, 68,500 barrels, or 40.7 per cent of the total; Ontario, 40,500 barrels, or 24.1 per cent; British Columbia, 19,500 barrels, or 11.6 per cent; Saskatchewan, 16,070 barrels, or 9.6 per cent; Nova Scotia, 11,000 barrels, or 6.6 per cent; Alberta, 9,800 barrels, or 5.8 per cent; Manitoba, 2,450 barrels, or 1.5 per cent; New Brunswick, 250 barrels, or 0.1 per cent; and the Northwest Territories, 150 barrels, or 0.1 per cent. Fifteen establishments reported cracking units in use with aggregate capacity of about 80,450 barrels per day. The location, type and capacity of each of these refineries is recorded in the Directory at the end of this report.

In 1937 the operating refineries used 1,345,577,025 gallons of imported crude oil and 90,004,669 gallons of crude oil, naphtha and absorption gasoline from Canadian wells, a total of 1,433,581,694 gallons which was equal to about 66.7 per cent of refinery capacity. About 69.4 per cent, or 994,441,071 gallons, was imported from the United States, 24.3 per cent or 349,135,949 gallons was brought in from other countries, and 6.8 per cent or 90,004,669 gallons was from Canadian sources. The total cost at the refineries of all crude oil and naphtha charged to stills during the year was \$75,335,800. Stocks of crude and naphtha held at the refineries at the end of the year totalled 133,033,933 gallons.

Gasoline production in 1937 amounted to 640,299,876 gallons of which 361,900,397 gallons were made by the straight run process and 278,399,479 gallons by cracking. In addition, the refineries used for blending purposes a total of 47,514,563 gallons of imported casinghead gasoline which was not included in the production figures. The gallonage of gasoline made in 1937 was the highest on record, being 13 per cent greater than the output in 1936. The value of the 1937 production was \$58,568,348 at refinery prices. Stocks held at the refineries at the end of the year included 88,948,091 gallons of straight run and cracked gasoline and 7,030,185 gallons of imported casinghead, the latter for blending purposes only.

Imports of gasoline, including casinghead, during 1937 amounted to 72,478,101 gallons which, with the production of 640,299,876 plus the declines in refinery stocks of 820,659 gallons and less the exports of 4,322,972 gallons, made an apparent consumption in Canada of 709,275,664 gallons for the year. This figure agrees fairly well with the gross sales of 718,620,111 gallons reported to the provincial governments under the Gasoline Tax Acts. The gross sales figure for Alberta, it is known, includes Turner Valley naphtha and absorption gasoline which was sold direct from the wells or separators to the consumers, the absorption gasoline which was used for blending purposes at refineries, and also engine distillates which were used for auto or tractor use, but these amounts were not included in the gasoline production figures and were not taken into account when calculating the apparent consumption. Reports from oil well operators in Alberta indicate that about 2.6 million gallons of naphtha and absorption gasoline were sold direct to consumers during 1937 and that 3.2 million gallons of absorption gasoline were used for blending direct without being charged to refinery stills, while the tractor and engine distillate made in Alberta refineries amounted to 9,971,529 gallons. The inclusion of these amounts would raise the apparent consumption by 15.8 million gallons.

Production in Canadian refineries of fuel and gas oils (excluding any made and used for cracking purposes) totalled 544,109,039 gallons of which 489,185,282 gallons were for sale and 54,923,757 gallons for use as fuel in the refineries. Imports aggregated 49,315,477 gallons and exports amounted to 11,050,735 gallons. Refinery stocks at the end of the year were about 85,076,516 gallons or 18,566,691 gallons less than in 1936. The apparent consumption in Canada, as calculated from the above figures, was 563,807,090 gallons.

The output of tractor and engine distillate was 30,319,054 gallons in 1937 and imports amounted to 1,451,292 gallons. Stocks at refineries increased 580,997 gallons. The apparent Canadian consumption was 31,189,319 gallons.

Refinery production of lubricating oils was 22,952,802 gallons and the output from blending plants was 914,727 gallons, making a total production in Canada of 23,867,529 gallons. By adding to this figure the imports of 15,331,130 gallons and the decline in refinery stocks of 426,473 gallons, an estimate of 39,625,132 gallons is obtained as the apparent Canadian consumption in 1937.

Production of lubricating grease in refineries was 13,899,436 pounds and in blending plants, 902,251 pounds, a total of 14,801,687 pounds. The latter quantity plus imports of 5,858,947 pounds indicates a consumption in Canada of 20,660,634 pounds for all purposes in 1937.

Capital employed in the Petroleum Refining Industry in 1937 was reported at \$63,759,579 of which \$34,761,597 was the value placed on land, buildings and equipment. The average number of employees was 5,047 and payments to these workers in salaries and wages was \$8,126,583. Materials used in refining operations cost \$79,993,972, fuel and electricity cost \$4,444,878, and products were valued at \$97,701,954 at the works.

Table 4 - NUMBER and TOTAL CAPACITY OF PETROLEUM REFINERIES IN OPERATION IN CANADA, 1934 - 1937.

Province	1934		1935		1936		1937	
	Number	Capacity in barrels of crude per day	Number	Capacity in barrels of crude per day	Number	Capacity in barrels of crude per day	Number	Capacity in barrels of crude per day
Nova Scotia .....	1	11,000	1	11,000	1	11,000	1	11,000
New Brunswick .....	1	100	1	100	1	250	1	250
Quebec .....	5	61,500	4	59,500	4	65,500	5	68,500
Ontario .....	7	39,850	7	39,900	5	39,500	5	40,500
Manitoba .....	3	2,100	4	2,450	4	2,650	3	2,450
Saskatchewan .....	10	12,850	14	14,190	18	15,250	17	16,070
Alberta .....	10	14,150	9	14,860	12	16,860	8	9,800
British Columbia ..	4	17,700	4	18,200	4	20,000	3	19,500
N. W. Territories ..	1	150	1	150	1	150	1	150
CANADA .....	42	159,400	45	160,350	50	171,160	44	168,220

NOTE - 1 barrel = 35 Imperial gallons.

Table 5 - PRINCIPAL STATISTICS OF THE PETROLEUM REFINING INDUSTRY, 1921 - 1937.

Year	Number of refineries	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1921 .....	11	55,630,864	3,911	6,003,559	4,429,308	35,850,653	51,565,403
1922 .....	13	61,253,400	3,498	5,391,285	4,227,615	38,129,880	56,495,821
1923 .....	14	60,288,861	4,195	5,531,569	4,054,846	36,435,306	45,571,506
1924 .....	17	53,095,784	3,603	5,623,978	3,580,032	36,669,292	48,677,347
1925 .....	13	49,461,900	3,655	5,621,898	3,433,017	37,814,303	49,802,615
1926 .....	17	56,476,449	3,698	5,782,589	3,580,049	50,783,871	70,570,240
1927 .....	16	55,442,193	3,802	6,078,226	3,628,842	52,743,530	63,979,849
1928 .....	16	55,811,418	4,252	6,803,234	3,440,578	57,033,185	82,448,392
1929 .....	15	69,887,267	4,833	7,984,786	3,745,956	76,289,182	98,384,180
1930 .....	15	69,077,932	5,030	8,003,357	3,859,683	71,307,879	90,809,711
1931 .....	20	67,288,556	4,058	6,110,068	3,371,118	50,353,423	75,588,425
1932 .....	24	68,882,376	4,058	5,897,811	3,338,648	52,029,471	71,360,324
1933 .....	37	67,566,836	4,551	6,041,230	3,130,719	48,916,966	69,803,721
1934 .....	42	66,450,496	4,876	6,274,799	3,117,697	56,659,492	75,785,677
1935 .....	45	64,012,045	4,771	7,046,675	3,839,424	53,415,916	79,176,081
1936 .....	50	61,307,820	4,935	7,193,148	3,927,321	66,219,148	85,172,981
1937 .....	44	63,759,579	5,047	8,126,583	4,444,878	79,993,972	97,701,954

Table 6 - PRINCIPAL STATISTICS OF THE PETROLEUM REFINING INDUSTRY, BY PROVINCES, 1936 and 1937.

Province	Number of refineries	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and Electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1936</u>							
Quebec .....	4	20,930,076	1,047	1,643,660	1,381,421	20,693,843	27,407,809
Ontario .....	5	20,383,516	2,002	2,829,509	1,275,340	21,456,194	26,008,188
Manitoba .....	4	497,039	68	74,378	40,941	951,886	1,477,159
Saskatchewan ...	18	4,853,294	466	606,919	298,216	5,246,588	6,638,204
Alberta .....	12	5,260,904	488	721,058	237,560	5,646,597	7,410,882
British Columbia	4	5,436,687	399	649,724	263,510	7,070,301	9,197,649
Other provinces.	3	3,946,304	465	667,900	430,353	5,153,739	7,033,090
CANADA .....	50	61,307,820	4,935	7,193,148	3,927,321	66,219,148	85,172,981
<u>1937</u>							
Quebec .....	5	24,142,108	1,189	2,086,440	1,510,618	26,612,750	33,794,238
Ontario .....	5	20,032,311	2,065	3,272,974	1,590,177	24,414,845	28,209,955
Manitoba .....	3	614,858	66	74,834	38,150	991,665	1,569,130
Saskatchewan ...	17	4,697,033	463	670,500	349,850	5,937,890	7,659,551
Alberta .....	8	3,863,406	410	642,974	197,588	5,766,122	8,373,825
British Columbia	3	5,111,173	367	630,066	301,963	8,394,981	10,422,601
Other provinces.	3	5,298,630	487	748,795	456,532	7,875,719	7,672,754
CANADA .....	44	63,759,579	5,047	8,126,583	4,444,878	79,993,972	97,701,954

Table 7 - CAPITAL EMPLOYED IN THE PETROLEUM REFINING INDUSTRY, 1936 and 1937.

Province	Present value of lands, buildings, machinery and equipment	Inventory value of finished products and materials on hand and stocks in process	Operating capital (cash, bills and accounts receivable, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1936</u>				
Quebec .....	12,388,740	7,928,277	613,059	20,930,076
Ontario .....	12,479,859	7,577,618	326,039	20,383,516
Manitoba .....	259,532	150,952	86,505	497,039
Saskatchewan ...	2,687,330	1,959,856	206,058	4,853,294
Alberta .....	1,939,334	3,056,932	264,633	5,260,904
British Columbia	3,132,594	1,924,928	379,165	5,436,687
Other provinces.	1,784,953	2,070,739	90,612	3,946,304
CANADA .....	34,672,442	24,669,302	1,966,076	61,307,820
<u>1937</u>				
Quebec .....	12,495,659	11,529,930	116,519	24,142,108
Ontario .....	12,965,897	6,856,918	209,496	20,032,311
Manitoba .....	279,495	190,312	145,051	614,858
Saskatchewan ...	2,237,232	2,204,887	254,914	4,697,033
Alberta .....	1,857,429	1,783,115	222,862	3,863,406
British Columbia	2,436,077	2,535,268	139,828	5,111,173
Other provinces.	2,489,808	2,696,153	112,729	5,298,690
CANADA .....	34,761,597	27,796,583	1,201,399	63,759,579

Table 8 - EMPLOYEES IN PETROLEUM REFINERIES, SALARIES and WAGES, 1936 and 1937.

Province	Average Number of Employees					Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On Salaries		On Wages		TOTAL			
	Male	Female	Male	Female				
<b>1936</b>								
Quebec .....	153	18	876	...	1,047	387,742	1,255,918	1,643,660
Ontario .....	302	56	1,638	6	2,002	789,035	2,040,474	2,829,509
Manitoba .....	19	2	47	...	68	33,001	41,377	74,378
Saskatchewan .....	86	15	364	1	466	189,624	417,295	606,919
Alberta .....	94	14	380	...	488	201,166	519,892	721,058
British Columbia ...	70	13	316	...	399	181,518	468,206	649,724
Other provinces ....	54	17	393	1	465	165,490	502,410	667,900
CANADA .....	778	135	4,014	8	4,935	1,947,576	5,245,572	7,193,148
<b>1937</b>								
Quebec .....	163	12	1,014	...	1,189	449,583	1,636,857	2,086,440
Ontario .....	293	47	1,720	5	2,065	822,077	2,450,897	3,272,974
Manitoba .....	17	4	45	...	66	34,593	40,241	74,834
Saskatchewan .....	104	15	342	2	463	211,627	458,873	670,500
Alberta .....	60	10	340	...	410	169,949	473,025	642,974
British Columbia ...	71	15	281	...	367	192,221	437,845	630,066
Other provinces ....	55	17	414	1	487	185,809	562,986	748,795
CANADA .....	763	120	4,156	8	5,047	2,065,859	6,060,724	8,126,583

Table 9 - NUMBER OF WAGE-EARNERS IN PETROLEUM REFINERIES, BY MONTHS, 1937.

Month	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Other Provinces	CANADA
January .....	865	1,540	40	278	322	275	402	3,722
February ....	932	1,585	41	249	324	271	398	3,800
March .....	989	1,625	39	297	326	288	397	3,961
April .....	989	1,688	43	383	346	285	400	4,134
May .....	1,053	1,710	53	416	347	276	420	4,275
June .....	1,060	1,746	48	390	346	317	424	4,331
July .....	1,116	1,805	48	377	387	306	454	4,493
August .....	1,094	1,805	51	378	362	303	449	4,442
September ...	1,060	1,846	49	359	365	280	429	4,388
October .....	1,028	1,859	49	348	338	262	407	4,291
November ....	1,024	1,801	42	330	338	261	399	4,195
December ....	962	1,733	40	322	284	255	396	3,992
AVERAGE ....	1,014	1,725	45	344	340	281	415	4,164

Table 10 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS, 1937. (Overtime not included)

Regular hours worked per week	Per cent of wage-earners		Regular hours worked per week	Per cent of wage-earners	
	1936	1937		1936	1937
40 hours or less .....	72.8	76.8	51 - 53 hours .....	0.4	1.2
41 - 43 hours .....	1.1	1.6	54 hours .....	1.0	0.8
44 hours .....	3.4	2.0	55 hours .....	0.1	0.2
45 - 47 hours .....	0.9	0.3	56 - 59 hours .....	0.5	2.0
48 hours .....	16.4	12.3	60 hours and over .....	2.5	1.8
49 - 50 hours .....	0.9	1.0			

Table 11 - FUEL(x) and ELECTRICITY USED IN PETROLEUM REFINERIES, 1936 and 1937.

Kind	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian .....	short ton	63	329	353	2,084
Imported .....	short ton	20,372	91,591	28,305	129,107
Coke, including petroleum coke .....	short ton	14,437	45,598	2,569	8,922
Gasoline .....	Imp. gal.	4,058	691	175,412	16,554
Kerosene or coal oil .....	Imp. gal.	687	77	36,622	2,815
Fuel oil .....	Imp. gal.	54,552,861	1,997,039	54,899,224	2,111,856
Wood .....	cord	72	262	371	869
Gas - Manufactured, including still gas.	M cu.ft.	6,091,049	1,270,055	6,199,110	1,442,748
Natural .....	M cu.ft.	1,036,750	92,698	1,095,926	98,829
Other fuel .....	\$	...	1,572	...	213,288
Electricity purchased .....	K. W. H.	55,031,480	427,409	55,077,721	417,826
TOTAL .....	\$	...	3,927,321	...	4,444,878
Electricity generated for own use .....	K. W. H.	399,225	...	...	...

(x) Includes fuel oil, still gas, petroleum coke, etc., produced in the refineries and used by the producers for heating stills, buildings, etc., or for power purposes.

Table 12 - POWER EQUIPMENT IN PETROLEUM REFINERIES, 1936 and 1937.

Kind	1 9 3 6		1 9 3 7	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines .....	444	16,604	409	15,958
Diesel engines .....	4	935	5	955
Gasoline, gas and oil engines (other than diesel) ..	15	217	18	436
Total Primary .....	464	17,756	432	17,329
Electric motors run by purchased power .....	1,185	24,294	1,140	24,112
TOTAL .....	1,649	42,050	1,572	41,441
Boilers .....	157	31,679	148	30,957

Table 13 - POWER EQUIPMENT IN PETROLEUM REFINERIES, 1937. SHOWING 'ORDINARILY IN USE' SEPARATELY FROM 'IN RESERVE OR IDLE'

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines .....	405	15,503	4	455
Diesel engines .....	5	935	...	...
Gasoline, gas and oil engines (other than diesel) ...	16	418	2	18
Total Primary .....	426	16,856	6	473
Electric motors run by purchased power .....	1,124	23,575	16	537
TOTAL .....	1,550	40,431	22	1,010
Boilers .....	144	30,747	4	190

Table 14 - MATERIALS USED IN PETROLEUM REFINERIES, 1936 and 1937.

Material	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
Crude oil (under 60° A.P.I.) in its natural state, from Canadian wells .....	Imp. gal.)			65,719,569	3,792,682
Crude naphtha (60° A.P.I. and over) in its natural state, from Canadian wells .....	Imp. gal.)	42,792,311	3,219,007	6,026,194	467,593
Absorption gasoline, etc., from Canadian wells .....	Imp. gal.)			18,258,906	1,340,076
Crude oil, in its natural state, imported, (run to stills) - (a) From United States..	Imp. gal.	906,642,075	46,026,181	994,420,631	53,060,003
(b) From other countries	Imp. gal.	337,028,509	13,340,638	349,135,949	16,674,628
Crude oil, not in its natural state, (run to stills) - (a) From United States .	Imp. gal.	...	...	20,445	818
Benzol for blending .....	Imp. gal.	559,748	54,045	1,949,894	310,461

Table 14 - MATERIALS USED IN PETROLEUM REFINERIES, 1936 and 1937. (concluded).

Material	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
Sulphuric acid, 66° Be. ....	pound	22,809,518	213,433	23,086,547	204,255
Sulphur .....	pound	131,338	4,631	190,956	6,776
Caustic soda .....	pound	3,705,041	107,684	5,770,872	131,928
Soda ash .....	pound	290,677	6,350	347,273	7,289
Litharge .....	pound	349,315	24,644	474,545	40,747
Fullers' earth and clay .....	pound	18,907,295	243,164	18,843,458	240,309
Compounding materials .....	\$	...	479,767	...	652,084
Tetraethyl fluid .....	\$	...	1,580,695	...	2,136,547
Other materials .....	\$	...	257,249	...	254,289
Shipping containers .....	\$	...	661,660	...	673,687
<b>TOTAL</b> .....	\$	...	66,219,148	...	79,993,972

Table 15 - MATERIALS USED IN PETROLEUM REFINERIES, BY PROVINCES, 1937.

Material	Unit of measure	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Other Provinces
Crude oil (under 60° A.P.I.) in its natural state, from Canadian wells . Imp.gal.		...	5,789,224	71,094	16,683,797	42,147,819	...	1,027,635
	\$	...	375,181	5,821	1,047,363	2,282,379	...	81,938
Crude naphtha (60° A.P.I. and over) in its natural state, from Canadian wells . Imp.gal.		...	...	...	...	6,026,194	...	...
	\$	...	...	...	...	467,393	...	...
Absorption gasoline, etc., from Canadian wells (run to stills). Imp.gal.		...	...	...	353,736	17,905,170	...	...
	\$	...	...	...	41,215	1,298,861	...	...
Crude oil, in its natural state, imported (run to stills) - (a) From United States. Imp.gal.		301,370,442	376,028,891	10,559,287	64,761,694	26,339,737	183,639,537	31,721,043
	\$	15,910,111	21,451,421	967,868	4,661,194	1,298,016	6,966,743	1,804,650
(b) From Other Countries .... Imp.gal.		195,337,557	...	...	...	...	22,223,761	131,574,631
	\$	9,667,122	...	...	...	...	1,231,239	5,776,267
Benzol for blending ..... Imp.gal.		1,275,300	618,849	34,659	377	2,940	2,311	15,458
	\$	199,946	92,998	7,625	168	1,506	1,068	7,150
Sulphuric acid 66° Be' ..... Pound		661,059	18,172,884	51,560	821,762	2,494,944	884,338	...
	\$	5,982	154,322	1,702	12,991	20,415	8,843	...
Sulphur ..... Pound		23,216	19,231	145	31,732	116,632	...	...
	\$	706	473	7	1,299	4,291	...	...
Caustic soda .... Pound		1,467,240	2,414,989	16,845	310,226	546,041	299,053	716,478
	\$	31,559	39,201	878	11,828	19,556	9,282	19,624
Soda ash ..... Pound		15,670	122,400	600	157,263	29,900	18,520	2,920
	\$	294	1,951	18	3,467	755	743	61
Litharge ..... Pound		14,426	40,078	2,526	83,976	330,917	1,737	885
	\$	912	3,062	231	8,259	28,083	138	62
Fullers' earth and clay ..... Pound		4,153,740	11,749,695	300	918,900	163,550	65,010	1,792,263
	\$	53,448	149,264	15	10,369	1,760	935	24,518
Compounding materials ..... \$		...	639,883	...	...	...	12,201	...
Tetraethyl fluid . \$		649,991	807,449	...	96,236	310,366	133,073	139,432
Other materials .. \$		50,269	131,047	...	28,967	21,386	9,591	13,847
Shipping containers \$		42,410	568,593	7,500	14,534	11,355	21,125	8,170
<b>TOTAL</b> .....	\$	26,612,750	24,414,845	991,665	5,937,890	5,766,122	8,394,981	7,875,719

(\$ = Cost at works)



Table 16 - PRODUCTS MADE IN PETROLEUM REFINERIES, 1936 and 1937.

Product	Unit of measure	1936		1937	
		Quantity	Gross selling value at works	Quantity	Gross selling value at works
			\$		\$
<b>MADE FOR SALE -</b>					
Gasoline - Straight run (1) .....	Imp.gal.	316,046,838	28,768,074	361,722,399	33,473,233
- By cracking process .....	Imp.gal.	251,486,449	21,800,125	278,362,079	25,073,645
Stove oil (40° - 42.5° A.P.I.) .....	Imp.gal.)			18,014,276	826,880
Gas and light fuel oil (20° - 40° A.P.I., except diesel) .....	Imp.gal.)			100,585,222	4,754,065
Diesel fuel oil (all fuel oil sold under this name) .....	Imp.gal.)	443,747,191	16,708,163	41,503,283	1,808,621
Residual fuel oil (10° - 20° A.P.I.) ....	Imp.gal.)			329,082,501	11,953,010
Tractor and engine distillate .....	Imp.gal.	33,280,176	2,963,582	30,319,024	2,915,840
V.M. and P. or solvent naphtha .....	Imp.gal.	8,959,588	692,553	11,526,568	980,207
Kerosene .....	Imp.gal.	28,913,144	2,606,158	26,308,522	2,395,293
Lubricating oil .....	Imp.gal.	19,665,009	3,754,454	22,875,067	3,996,812
Lubricating grease .....	Imp.gal.	11,399,546	527,979	13,899,436	511,426
Asphalt .....	Imp.gal.	34,860,569	3,031,466	56,811,878	4,336,778
Petroleum coke .....	short ton	62,077	381,473	59,634	571,198
Other products .....	\$	...	425,079	...	479,038
<b>TOTAL - MADE FOR SALE .....</b>	<b>\$</b>	<b>...</b>	<b>81,659,106</b>	<b>...</b>	<b>93,876,046</b>
<b>MADE FOR OWN USE -</b>					
Gasoline - Straight run .....	Imp.gal.	160,738	16,960	177,998	17,643
- By cracking process .....	Imp.gal.	15,251	1,821	57,400	3,827
Gas and light fuel oil (20 - 40 A.P.I.)	Imp.gal.)			239,631	11,835
Residual fuel oil (10 - 20 A.P.I.) ....	Imp.gal.)	54,570,427	1,995,397	54,684,126	2,100,864
Kerosene .....	Imp.gal.	73,472	5,438	41,127	3,275
Lubricating oil .....	Imp.gal.	53,308	12,115	77,735	13,719
Tar .....	Pound	304,045	12,162	1,381,625	55,265
Asphalt .....	Imp.gal.	25,084	2,201	50,305	3,960
Petroleum coke .....	short ton	2,629	11,687	2,381	8,942
Still gas .....	M cu.ft.	6,083,549	1,268,556	6,199,110	1,442,749
Other products .....	\$	...	187,538	...	163,829
<b>TOTAL - MADE FOR OWN USE .....</b>	<b>\$</b>	<b>...</b>	<b>3,513,875</b>	<b>...</b>	<b>3,825,832</b>
<b>GRAND TOTAL .....</b>	<b>\$</b>	<b>...</b>	<b>85,172,981</b>	<b>...</b>	<b>97,701,954</b>
Fuel and gas oils made for use in cracking process .....	Imp.gal.	383,325,710(2)	...	535,969,764	...

(1) Includes Turner Valley naphtha and natural gasoline run to refinery stills but does not include the imported casinghead gasoline which was used for blending at the refineries.

(2) Not including 1,568,388 gallons of heavy naphtha.

Table 17 - PRODUCTS MADE IN PETROLEUM REFINERIES, BY PROVINCES, 1937.

PRODUCT	Unit of measure	QUEBEC	ONTARIO	MANITOBA	SASKAT- CHEWAN	ALBERTA	BRITISH COLUMBIA	OTHER PROVINCES
<b>MADE FOR SALE -</b>								
Gasoline - (a) Straight run .....	Imp. gal.	132,408,373	90,388,293	4,468,666	26,405,756	42,607,163	41,691,507	23,752,641
	\$	11,417,740	7,371,352	816,924	5,410,364	4,679,116	4,166,347	1,611,390
- (b) By cracking process .....	Imp. gal.	117,325,672	112,274,566	...	13,648,861	12,712,155	2,330,478	20,070,347
	\$	11,560,003	8,928,856	...	1,609,144	1,392,086	242,174	1,341,382
Fuel oil and gas oil .....	Imp. gal.	177,057,847	81,688,882	3,113,023	12,598,056	10,222,916	145,361,175	59,143,883
	\$	6,954,165	3,616,993	264,900	537,148	423,302	5,141,322	2,404,746
Tractor and engine distillate .....	Imp. gal.	1,453,531	4,083,648	2,013,900	12,796,416	9,971,529	...	...
	\$	108,863	277,227	238,379	1,266,769	1,024,602	...	...
V. M. & P. or solvent naphtha .....	Imp. gal.	4,189,710	4,174,508	148,513	...	857,004	1,537,676	419,157
	\$	348,517	313,585	26,055	...	104,247	159,789	28,014
Kerosene .....	Imp. gal.	2,772,385	8,372,978	392,119	2,826,789	3,628,946	607,012	7,708,293
	\$	228,313	617,323	57,463	356,381	468,322	77,529	589,962
Lubricating oil .....	Imp. gal.	528,970	21,450,731	88,226	...	...	626,439	180,701
	\$	87,062	3,755,316	42,598	...	...	88,979	22,857
Grease .....	Pound	...	11,975,690	1,922,310	...	1,436	...	...
	\$	...	429,934	81,385	...	107	...	...
Asphalt .....	Imp. gal.	23,384,268	9,383,646	...	2,386,654	2,266,569	3,491,653	15,899,088
	\$	1,718,406	737,648	...	178,643	174,510	273,292	1,254,279
Petroleum coke .....	Ton	981	56,124	...	...	2,169	...	360
	\$	3,713	355,614	...	...	10,419	...	1,452
Wax and candles .....	Pound	...	11,695,902	...	...	...	...	...
	\$	...	451,416	...	...	...	...	...
Other products .....	\$	...	3,852	6,300	...	17,470	...	...
<b>TOTAL - MADE FOR SALE .....</b>	<b>\$</b>	<b>32,426,782</b>	<b>26,859,116</b>	<b>1,534,004</b>	<b>7,358,449</b>	<b>8,294,181</b>	<b>10,149,432</b>	<b>7,254,082</b>
<b>MADE FOR OWN USE -</b>								
Gasoline - (a) Straight run .....	Imp. gal.	27,255	98,222	7,000	7,607	19,526	9,185	9,203
	\$	3,219	7,378	1,120	882	2,987	954	1,103
(b) By cracking process .....	Imp. gal.	...	37,400	...	...	...	...	...
	\$	...	3,827	...	...	...	...	...
Fuel oil and gas oil .....	Imp. gal.	17,570,451	15,109,349	601,017	5,227,933	1,246,042	7,263,035	7,905,930
	\$	665,671	593,442	34,006	212,515	27,224	260,331	319,510
Kerosene .....	Imp. gal.	...	31,643	...	5,057	1,925	536	1,966
	\$	...	2,219	...	597	241	68	150
Lubricating oil .....	Imp. gal.	7,757	57,957	...	...	...	2,982	9,039
	\$	1,277	10,875	...	...	...	424	1,143
Tar .....	Imp. gal.	...	1,381,625	...	...	...	...	...
	\$	...	55,265	...	...	...	...	...
Petroleum coke .....	Ton	1,265	432	...	671	...	...	13
	\$	4,786	1,464	...	2,640	...	...	52
Still gas .....	M cu.ft.	2,609,075	2,407,572	...	358,299	242,083	51,405	530,676
	\$	692,052	523,821	...	82,350	36,945	11,127	96,454
Other products .....	\$	451	152,548	...	2,118	12,147	265	260
<b>TOTAL - MADE FOR OWN USE .....</b>	<b>\$</b>	<b>1,367,456</b>	<b>1,350,839</b>	<b>35,126</b>	<b>301,102</b>	<b>79,544</b>	<b>273,169</b>	<b>418,672</b>
<b>GRAND TOTAL .....</b>	<b>\$</b>	<b>33,794,238</b>	<b>28,209,955</b>	<b>1,569,130</b>	<b>7,659,551</b>	<b>8,373,725</b>	<b>10,422,601</b>	<b>7,672,754</b>
Fuel and gas oils made for use in cracking process .....	Imp. gal.	178,324,464	219,434,110	...	25,875,675	17,955,105	8,845,095	85,535,315

(\$ = Gross selling value at works)

Table 18 - STOCKS ON HAND AT THE REFINERIES AT THE END OF 1937.

	Stocks on hand at refineries on December 31, 1937	Increase or Decrease over December 31, 1936
	Imp. gal.	Imp. gal.
Crude oil and naphtha, in its natural state, from Canadian wells ...	5,595,033	/ 4,230,280
Absorption gasoline, etc., from Canadian wells .....	742,564	/ 580,751
Crude oil, imported - in its natural state .....	128,637,925	/ 7,956,665
- not in its natural state .....	58,411	/ 14,588
Gasoline (excluding imported casinghead or Canadian absorption gasoline) .....	<del>133,033,433</del> 88,948,091	- 820,659
Stove oil (40 - 42.5 A.P.I.) .....	7,079,889	/ 51,946
Gas and light fuel oil (20 - 40 A.P.I., excepting diesel) .....	24,426,131	/ 2,499,408
Diesel fuel oil .....	3,533,843	/ 1,103,395
Residual fuel oil (10 - 20 A.P.I.) .....	50,036,753	/ 14,911,944
Tractor and engine distillate .....	6,369,713	/ 580,997
Kerosene .....	9,320,978	/ 1,191,994
Lubricating oils .....	4,362,316	- 426,473
Petroleum coke .....	2,087	- 1,448

Table 19 - CASINGHEAD GASOLINE IMPORTED AND USED FOR BLENDING AT THE REFINERIES, 1937.

Imported natural casinghead gasoline received at the refinery during the year -		
Imp. gal. ....		50,009,753
\$ .....		4,515,157
Imported natural casinghead gasoline used for blending during the year -		
Imp. gal. ....		47,514,563
Total stocks of imported natural casinghead gasoline at the end of year -		
Imp. gal. ....		7,030,185

(b) LUBRICATING OILS AND GREASES

In 1937 reports were received from 13 factories which were engaged chiefly in compounding lubricating oils and greases; 9 were in Ontario, 3 in Quebec, and 1 in British Columbia.

Capital employed in 1937 was given at \$520,687; the average number of employees was 90; payments for salaries and wages totalled \$120,260; materials for compounding, containers for the finished products, and process supplies cost \$407,908; and the value of all products was \$752,060, including \$568,651 for lubricating oils, \$131,766 for lubricating greases, and \$51,643 for miscellaneous products.

Including the production from refineries, the total Canadian output of lubricating oils in 1937 was 23,867,529 gallons valued at \$4,579,182 compared with 20,439,318 gallons valued at \$4,219,815 in 1936. The total production of lubricating greases was 14,801,687 pounds at \$643,192 in 1937 as against 12,245,346 pounds at \$643,241 in 1936.

Table 20 - PRINCIPAL STATISTICS OF THE LUBRICATING OILS AND GREASES INDUSTRY, 1921 - 1937.

Year	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1921	5	1,933,724	103	178,955	10,543	778,923	1,367,012
1922	6	800,629	57	101,398	4,172	283,311	539,742
1923	6	738,843	62	116,751	6,236	381,390	709,028
1924	8	700,010	66	125,727	6,500	423,419	733,720
1925	8	1,118,649	83	153,148	14,113	446,721	959,512
1926	6	701,676	55	109,810	4,746	388,288	626,071
1927	7	693,371	54	110,000	4,614	316,391	548,971
1928	9	720,196	67	119,346	7,204	350,656	673,780
1929	10	1,373,192	95	168,839	8,699	572,757	1,024,134
1930	13	1,256,399	104	186,773	8,861	492,550	977,494
1931	12	847,725	64	104,677	7,481	264,319	570,219
1932	7	593,484	58	82,870	7,003	207,916	337,433
1933	10	626,968	77	100,715	7,000	270,791	464,544
1934	9	570,545	81	104,427	6,837	309,525	551,836
1935	13	695,409	85	106,549	7,625	453,898	774,444
1936	13	576,106	84	116,807	5,313	336,737	629,382
1937	13	520,687	90	120,260	5,127	407,908	752,060

Table 21 - PRINCIPAL STATISTICS OF THE LUBRICATING OILS AND GREASES INDUSTRY, BY PROVINCES, 1936 and 1937.

Province	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1936</u>							
Ontario	9	477,987	62	88,252	2,824	273,000	524,473
Quebec	3)						
British Columbia	1)	98,119	22	28,555	2,489	63,737	104,909
CANADA	13	576,106	84	116,807	5,313	336,737	629,382
<u>1937</u>							
Ontario	9	412,164	64	87,763	2,176	336,307	632,259
Quebec	3)						
British Columbia	1)	108,523	26	32,497	2,951	71,601	119,801
CANADA	13	520,687	90	120,260	5,127	407,908	752,060

Table 22 - CAPITAL EMPLOYED IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

Province	Value of lands, buildings, machinery and equipment	Inventory value of materials and finished products on hand and stocks in process	Operating capital (cash, bills receivable, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1936</u>				
Ontario	188,052	181,650	108,285	477,987
Other provinces	67,700	12,275	18,144	98,119
CANADA	255,752	193,925	126,429	576,106
<u>1937</u>				
Ontario	161,346	105,532	145,286	412,164
Other provinces	68,802	11,816	27,905	108,523
CANADA	230,148	117,348	173,191	520,687

Table 23 - EMPLOYEES, SALARIES and WAGES IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

Province	Average number of employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
<u>1936</u>								
Ontario .....	36	8	17	1	62	71,186	17,066	88,252
Other provinces .....	9	3	10	...	22	19,598	8,957	28,555
CANADA .....	45	11	27	1	84	90,784	26,023	116,807
<u>1937</u>								
Ontario .....	35	6	22	1	64	68,626	19,137	87,763
Other provinces .....	12	3	11	...	26	22,416	10,081	32,497
CANADA .....	47	9	33	1	90	91,042	29,218	120,260

Table 24 - NUMBER OF WAGE-EARNERS IN THE LUBRICATING OILS AND GREASES INDUSTRY, BY MONTHS, 1936 and 1937.

Month	Ontario		Other Provinces		C A N A D A	
	1936	1937	1936	1937	1936	1937
	January .....	13	21	10	11	23
February .....	12	22	9	12	21	34
March .....	15	22	11	11	26	33
April .....	17	22	11	9	28	31
May .....	19	24	10	11	29	35
June .....	18	23	10	10	28	33
July .....	19	24	9	12	28	36
August .....	19	22	11	12	30	34
September .....	19	23	11	14	30	37
October .....	19	23	11	13	30	36
November .....	20	23	9	12	29	35
December .....	18	22	11	11	29	33
AVERAGE .....	18	23	10	11	28	34

Table 25 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS, 1936 and 1937. (Overtime not included)

Regular hours worked per week	Per cent of wage-earners		Regular hours worked per week	Per cent of wage-earners	
	1936	1937		1936	1937
40 hours or less .....	36.4	5.2	49 - 50 hours .....	6.1	23.7
44 hours .....	24.2	29.0	51 - 53 hours .....	...	29.0
45 - 47 hours .....	9.1	7.9	55 hours .....	12.1	...
48 hours .....	12.1	5.2			

Table 26 - FUEL AND ELECTRICITY USED IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

Kind	Unit of measure	1936		1937	
		Quantity	Cost at works	Quantity	Cost at works
			⌘		⌘
Coal, anthracite .....	short ton	22	310	190	1,409
Coal, bituminous - Canadian .....	short ton	...	...	12	156
Imported .....	short ton	390	2,671	73	846
Gasoline .....	Imp. gal.	...	...	1,000	250
Wood .....	cord	53	477	62	528
Manufactured gas .....	M cu.ft.	214	217	228	251
Electricity purchased .....	K. W. H.	73,315	1,628	75,328	1,687
TOTAL .....	⌘	...	5,313	...	5,127

Table 27 - POWER EQUIPMENT IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

	1 9 3 6		1 9 3 7	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines .....	2	8	2	8
Total Primary (all in use) .....	2	8	2	8
Electric motors run by purchased power .....	15	49	22	95
TOTAL .....	17	57	24	103
Boilers .....	3	118	1	8

Table 28 - MATERIALS USED IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

Material	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Compounding stocks (mineral oils, animal oils, etc.) .....	Imp. gal.	835,954	210,210	960,960	277,669
Tallow and grease .....	pound	317,484	21,301	268,632	23,665
All other materials .....	\$	...	68,867	...	30,084
Shipping containers .....	\$	...	36,359	...	76,490
TOTAL .....	\$	...	336,737	...	407,908

Table 29 - PRODUCTS MADE IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1936 and 1937.

Product	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Gross selling value at works	Quantity	Gross selling value at works
			\$		\$
Greases, lubricating .....	pound	845,800	115,262	902,251	131,766
Oils, lubricating .....	gal.	721,001	453,246	914,727	568,651
Soaps and soap powders .....	pound	...	30,437	...	37,505
All other products .....	\$	...	30,437	...	14,138
TOTAL .....	\$	...	629,382	...	752,060

Table 30 - IMPORTS INTO CANADA and EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1936 and 1937.

Tariff Item Number	Item	Unit of measure	1 9 3 6		1 9 3 7	
			Quantity	Value	Quantity	Value
				\$		\$
(a) <u>IMPORTS</u>						
7151-Oil, imported by miners or mining companies or concerns, for use in the concentration of ores of metals in their own concentrating establishments .....	Imp.gal.		105,052	83,470	66,545	24,116
Crude petroleum, gas oils, other than naphtha, benzine and gasoline, lighter than .8235 but not less than .775 specific gravity at 60° temperature (to April 30, 1936) .....	Imp.gal.		10,366	682	...	...
Crude petroleum in its natural state, .7900 specific gravity or heavier at 60° temperature when imported by oil refiners to be refined in their own factories (to April 30, 1936) .....	Imp.gal.		220,312,369	6,881,369	...	...
7153-Crude petroleum not subjected to any other process than natural weathering and removal of foreign matter and water when imported by oil refiners to be refined in their own factories, .8155 specific gravity (42.0° A.P.I.) or heavier at 60° Fahrenheit (from May 1, 1936) .....	Imp.gal.		1,021,840,007	52,159,052	1,354,072,089	46,286,372

Table 30 - IMPORTS INTO CANADA and EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1936 and 1937. (concluded)

Tariff Item Number	Item	Unit of measure	1 9 3 6		1 9 3 7	
			Quantity	Value	Quantity	Value
(a) <u>IMPORTS</u> (continued)						
7157	Crude petroleum not subjected to any other process than natural weathering and removal of foreign matter or water, when imported by oil refiners to be refined in their own factory, lighter than .8155 specific gravity (42.0° A.P.I.) at 60° Fahrenheit (From May 1, 1936) .....	Imp.gal.	9,341,344	418,526	7,276,223	365,268
7154	Petroleum tops; blends of petroleum tops or petroleum products with crude petroleum; all the foregoing .7249 specific gravity (63.7° A.P.I.) or heavier at 60° Fahrenheit when imported by oil refiners to be refined .....	Imp.gal.	69,202	5,864	270	56
	Petroleum (not including crude petroleum imported to be refined, or illuminating or lubricating oils) .8235 specific gravity or heavier at 60° Fahrenheit (fuel oil) (To April 30, 1936) .....	Imp.gal.	4,954,374	187,056	...	...
7158	Crude petroleum, n.o.p. (From May 1, 1936) .....	Imp.gal.	2,661,344	78,294	666,901	27,979
7156	Fuel oil, ex-warehoused for ships' stores .....	Imp.gal.	24,048,703	692,951	24,369,010	750,118
	Illuminating oils composed wholly or in part of the products of petroleum, coal, shale or lignite, costing more than thirty cents per gallon (To April 30, 1936) .....	Imp.gal.	970	372	...	...
7162	Coal oil and kerosene lighter than .8236 specific gravity at 60° temperature, n.o.p. ....	Imp.gal.	1,360,721	116,057	2,415,350	181,742
7163	Engine distillate .8017 specific gravity or heavier at 60° temperature .....	Imp.gal.	1,220,037	93,158	1,451,292	105,832
7164	Gasoline lighter than .8236 specific gravity at 60° temperature .....	Imp.gal.	19,077,873	1,643,152	25,725,505	2,301,672
7165	Natural casinghead, compression or absorption gasoline, lighter than .6690 specific gravity (80.0° A.P.I.) at 60° Fahrenheit, when imported by refiners of crude petroleum for blending with gasoline wholly produced in Canada .....	Imp.gal.	41,909,389	2,594,533	46,752,596	3,086,462
7166	Lubricating oils, composed wholly or in part of petroleum, and costing less than 25 cents per gallon .....	Imp.gal.	11,049,911	1,738,131	10,630,033	1,666,625
7167	Lubricating oils, n.o.p. ....	Imp.gal.	3,247,038	1,208,579	4,701,097	1,746,106
7168	All other oils, n.o.p. ....	Imp.gal.	338,791	84,265	150,865	68,422
7169	Products of petroleum, n.o.p., .8236 specific gravity (40.3° A.P.I.) or heavier at 60° Fahrenheit (From May 1, 1936) ...	Imp.gal.	16,089,423	602,123	24,946,467	939,719
7181	Grease, axle .....	Pound	4,950,846	262,226	5,858,947	342,386
7182	Vaseline and all similar preparations of petroleum, for toilet, medicinal or other purposes .....	\$	...	303,149	...	254,251
7183	Paraffine wax .....	Pound	4,291,834	184,450	6,394,336	279,822
7184	Paraffine wax candles .....	Pound	195,458	33,873	270,349	37,290
	Naphtha and products of petroleum, n.o.p., lighter than .8235 specific gravity at 60° temperature (To April 30, 1936) ....	Imp.gal.	603,004	56,088	...	...
7185	Products of petroleum, n.o.p., lighter than .8236 specific gravity at 60° temperature (From May 1, 1936) .....	Imp.gal.	1,532,122	143,520	3,702,706	342,440
7170	Petroleum oil, .8236 specific gravity or heavier at 60° temperature for use exclusively in the manufacture of petroleum white oils (From August 25, 1937) .....	Imp.gal.	...	...	76,085	9,650

Table 30 - IMPORTS INTO CANADA AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1936 and 1937.  
(concluded)

Tariff Item Number	Item	Unit of measure	1 9 3 6		1 9 3 7	
			Quantity	Value	Quantity	Value
				\$		\$
(a) <u>IMPORTS</u> (concluded)						
7186-Liquefied petroleum gases for heating, cooking or illuminating purposes when imported in containers (From May 1st, 1936) .....		\$	...	4,953	...	9,852
7141-Asphaltum or asphalt, solid .....	Cwt.		125,048	145,527)	(cwt.)166,732	184,175
Asphalt, not solid .....	Imp.gal.		37,810	4,518)		
7143-Asphalt oil for paving purposes only ...	Imp.gal.		42,497	3,250	67,837	4,099
Coke, petroleum .....	Ton		88,241	667,116	119,291	849,530
<b>TOTAL - PETROLEUM, ASPHALT AND THEIR PRODUCTS .....</b>						
		\$	...	50,394,304	...	59,861,942
(b) <u>EXPORTS</u>						
Oil, petroleum, crude .....	Imp.gal.		216	9	...	...
Oil, coal and kerosene, refined .....	Imp.gal.		631,681	93,267	890,309	93,039
Oil, gasoline and naphtha .....	Imp.gal.		3,378,983	509,150	4,300,115	400,800
Fuel oil .....	Imp.gal.		19,412,825	654,928	11,048,568	474,628
Oil, mineral, n.o.p. ....	Imp.gal.		614,332	181,777	1,174,183	319,280
Wax, mineral .....	Cwt.		375	1,830	2,249	7,710
Coke, petroleum .....	Ton		14,548	250,195	16,967	235,990
<b>TOTAL - PETROLEUM AND ITS PRODUCTS ....</b>						
		\$	...	1,691,156	...	1,531,447
(c) <u>RE-EXPORTS</u>						
Gasoline .....	Imp.gal.		20,797	2,781	22,857	4,506
Fuel oil .....	Imp.gal.		...	...	2,167	269
Oil, mineral, n.o.p. ....	Imp.gal.		4,146	2,048	13,389	12,515
Wax, mineral .....	Cwt.		585	1,306	21	297
Petroleum coke .....	Ton		21,115	328,386	32,990	559,678
<b>TOTAL --RE-EXPORTS .....</b>						
		\$	...	334,521	...	577,265

Table 31 - IMPORTS INTO CANADA OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, BY PROVINCES, 1937.

NOTE - For descriptions of tariff item numbers see Table 30.

Province	No.7141	No.7143	No.7151	No.7153	No. 7154	No.7156	No.7157	No.7158
	Cwt.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.
Nova Scotia ....	48	...	9	161,853,234	...	533	44	230
New Brunswick ..	...	...	...	...	...	...	...	...
Quebec .....	37,188	...	870	558,317,110	...	...	8,382	25,728
Ontario .....	83,757	60,187	17,334	345,531,186	...	...	...	24,929
Manitoba .....	1,730	...	5,041	9,345,849	...	...	1,250,642	102,345
Saskatchewan ...	16,012	...	...	37,266,893	...	...	6,001,521	117,466
Alberta .....	97	...	...	36,077,339	270	...	14,934	384,329
British Columbia	27,900	7,650	43,291	205,680,478	...	24,368,477	700	11,874
<b>CANADA .....</b>	<b>166,732</b>	<b>67,837</b>	<b>66,545</b>	<b>1,354,072,089</b>	<b>270</b>	<b>24,369,010</b>	<b>7,276,223</b>	<b>666,901</b>



Table 31 - IMPORTS INTO CANADA OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, BY PROVINCES, 1937. (concluded)

NOTE - For descriptions of tariff item numbers see Table 30.

Province	No.7162	No.7163	No.7164	No.7165	No.7166	No.7167	No.7168
	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.	Imp.gal.
Prince Edward Island	...	...	...	...	4,918	46	12
Nova Scotia .....	5,655	1,452	7,418	8,760,817	115,390	155,187	1,314
New Brunswick .....	47,604	350	69,425	...	80,003	93,368	474
Quebec .....	199,328	174	4,455,976	21,458,000	1,330,045	592,065	44,620
Ontario .....	634,861	463,038	8,138,586	2,303,621	5,188,200	2,103,976	80,378
Manitoba .....	130,227	39,282	560,397	1,919,378	1,962,864	416,563	6,705
Saskatchewan .....	41,314	26,203	1,860,268	470,966	233,304	252,844	96
Alberta .....	5,876	918,461	6,661,026	...	474,018	226,110	5,226
British Columbia ...	1,350,485	2,332	3,972,409	11,839,814	1,241,291	860,938	11,740
CANADA .....	2,415,350	1,451,292	25,725,505	46,752,596	10,630,033	4,701,097	150,865

  

	No.7169	No.7181	No.7182	No.7183	No.7184	No.7185	No.7186
	Imp.gal.	Lb.	\$	Lb.	Lb.	Imp.gal.	\$
Prince Edward Island	...	...	...	...	...	...	...
Nova Scotia .....	14,078	197,055	1,237	1,153,600	1,184	5,635	84
New Brunswick .....	3,250	23,678	2,160	365,155	282	8,975	...
Quebec .....	5,378,687	483,034	64,542	2,430,048	63,357	540,411	6,405
Ontario .....	565,888	3,509,474	140,403	1,353,924	113,718	2,771,931	967
Manitoba .....	35,591	77,571	24,158	79,711	21,388	47,755	...
Saskatchewan .....	77,904	89,324	...	...	175	21,986	...
Alberta .....	201,167	208,154	2,439	510	1,349	107,557	...
British Columbia ...	18,669,902	1,270,657	19,312	1,011,388	68,896	198,456	2,396
CANADA .....	24,946,467	5,858,947	254,251	6,394,336	270,349	3,702,706	9,852

Table 32 - CONSUMPTION OF CRUDE OIL IN PETROLEUM REFINERIES IN CANADA, 1918 - 1937.

Year	Crude oil used		Year	Crude oil used	
	Imp. gal.			Imp. gal.	
1918 .....	261,742,274		1928 .....	849,933,770	
1919 .....	301,006,553		1929 .....	1,072,828,496	
1920 .....	295,576,527		1930 .....	1,064,434,974	
1921 .....	373,469,418		1931 .....	1,074,788,038	
1922 .....	394,139,055		1932 .....	930,114,055	
1923 .....	408,810,739		1933 .....	1,044,210,850	
1924 .....	467,144,634		1934 .....	1,109,510,343	
1925 .....	445,115,694		1935 .....	1,196,411,443	
1926 .....	585,466,329		1936 .....	1,286,462,895	
1927 .....	716,369,890		1937 .....	1,433,581,694	

Table 33 - CONSUMPTION OF CRUDE OIL IN PETROLEUM REFINERIES SHOWING CANADIAN AND IMPORTED, SEPARATELY, 1926-1937.

Year	Canadian(a)	Imported(b)	TOTAL
	Imp. gal.	Imp. gal.	Imp. gal.
1926 .....	12,203,286	573,263,043	585,466,329
1927 .....	15,632,271	700,737,619	716,369,890
1928 .....	20,324,814	829,608,956	849,933,770
1929 .....	37,338,402	1,035,490,094	1,072,828,496
1930 .....	51,522,864	1,012,912,110	1,064,434,974
1931 .....	49,668,529	1,025,119,509	1,074,788,038
1932 .....	37,340,321	892,773,734	930,114,055
1933 .....	32,404,139	1,011,806,711	1,044,210,850
1934 .....	41,461,763	1,068,048,580	1,109,510,343
1935 .....	40,785,473	1,155,625,970	1,196,411,443
1936 .....	42,792,311	1,243,670,584	1,286,462,895
1937 .....	90,004,669	1,343,577,025	1,433,581,694

(a) Includes the crude naphtha and natural gasoline from the Turner Valley field which was run to refinery stills.  
 (b) Includes reduced crude.

Table 34 - PRODUCTION OF CRUDE PETROLEUM IN CANADA, 1936 and 1937.

Areas	1 9 3 6		1 9 3 7	
	Barrels	Value \$	Barrels	Value \$
<b>NEW BRUNSWICK</b> .....	17,112	24,075	18,089	25,496
<b>ONTARIO -</b>				
Petrolia and Enniskillen .....	59,092	124,088	57,960	123,531
Oil Springs .....	31,795	69,947	33,853	75,580
Moore Township .....	3,200	6,720	2,253	4,805
Sarnia Township .....	584	1,226	445	949
Plympton Township .....	248	521	237	505
Bothwell Township .....	36,534	76,719	40,425	86,229
West Dover .....	15,536	32,625	10,498	22,388
Onondaga .....	262	609	728	1,908
Mosa Township .....	8,182	17,182	8,686	18,524
Brooke .....	...	...	773	1,649
Dunwich .....	307	645	303	646
Raleigh and Tilbury East .....	1,126	2,364	2,471	5,270
Thamesville .....	458	962	683	1,457
Dawn and Euphemia .....	8,171	17,159	5,890	12,559
TOTAL for ONTARIO .....	165,495	350,767	165,205	356,000
<b>ALBERTA -</b>				
Turner Valley .....	1,281,248	2,969,447	2,721,218	4,932,051
Red Coulee .....	16,185	19,143	13,782	16,008
Wainwright-Skiff .....	14,935	11,340	14,085	12,943
TOTAL for ALBERTA .....	1,312,368	3,019,930	2,749,085	4,961,002
<b>NORTHWEST TERRITORIES</b> .....	5,399	26,995	11,371	56,855
<b>CANADA</b> .....	1,500,374	3,421,767	2,943,750	5,399,353

Table 35 - REFINERY PRODUCTION OF GASOLINE IN CANADA, 1926 - 1937.

Year	Straight run	By cracking	TOTAL	Per cent of total made by cracking
	Imp. gal.	Imp. gal.	Imp. gal.	
1926 .....	152,307,473	69,839,231	222,146,704	31
1927 .....	184,818,378	73,731,346	258,549,724	29
1928 .....	226,954,319	117,175,342	344,129,661	34
1929 .....	303,973,918	132,646,696	436,620,614	30
1930 .....	276,284,656	169,314,761	445,599,417	38
1931 .....	278,215,832	191,632,502	469,925,375	41
1932 .....	207,823,273	192,113,405	399,936,678	48
1933 .....	267,086,230	155,850,563	422,936,793	37
1934 .....	294,980,092	166,773,271	461,753,363	36
1935 .....	292,520,425	221,195,579	513,716,004	43
1936 .....	316,207,576	251,451,700	567,659,276	44
1937 .....	361,900,397	278,399,479	640,299,878	43

Table 36 - AVERAGE WHOLESALE TANK WAGON PRICES FOR GASOLINE (MEDIUM GRADE), FUEL OIL, ETC., BY MONTHS, 1937.

Month	Halifax	Montreal	Toronto	Winnipeg	Regina	Calgary	Vancouver
<b>GASOLINE -</b>	\$	\$	\$	\$	\$	\$	\$
January .....	.160	.125	.150	.212	.225	.210	.150
February .....	.160	.130	.160	.212	.225	.210	.150
March .....	.160	.130	.160	.212	.225	.210	.150
April .....	.160	.130	.160	.212	.225	.210	.150
May .....	.160	.130	.160	.212	.225	.210	.150
June .....	.160	.140	.160	.212	.225	.210	.160
July .....	.160	.150	.160	.212	.225	.210	.160
August .....	.160	.150	.160	.212	.225	.210	.160
September .....	.160	.150	.160	.212	.225	.200	.160
October .....	.160	.150	.160	.205	.225	.200	.160
November .....	.160	.150	.160	.205	.225	.200	.160
December .....	.160	.150	.160	.205	.215	.185	.160
YEARLY AVERAGE .....	.160	.140	.159	.210	.224	.205	.156
Kerosene .....	.185	.175	.170	.207	.220	.214	.230
Fuel oil, light .....	...	...	.084	...	...	...	...
Lubricating oils (Atlantic red oil) .....	...	...	.503	...	...	...	...

Table 37 - APPARENT CONSUMPTION IN CANADA OF GASOLINE, FUEL OIL, ENGINE DISTILLATE, KEROSENE and LUBRICATING OIL, 1935, 1936 and 1937.

	Fuel and gas oils(a) Imp. gal.	Gasoline (c) Imp. gal.	Lubricating oils Imp. gal.	Kerosene Imp. gal.	Tractor and engine distillate Imp. gal.
<u>1935</u>					
Production .....	(b) 469,969,708	513,716,004	19,219,297	31,833,717	39,431,237
Plus imports .....	49,277,712	68,032,212	13,251,270	1,272,487	83,962
	519,247,420	581,748,216	32,470,567	33,106,204	39,515,199
Less exports and re-exports .....	8,359,049	3,368,728	...	806,802	...
	510,888,371	578,379,488	32,470,567	32,299,402	39,515,199
Plus decline in refinery stocks ....	...	...	330,056	...	...
	510,888,371	578,379,488	32,800,623	32,299,402	39,515,199
Less increase in refinery stocks ...	5,044,245	14,238,716	...	1,130,640	1,485,049
APPARENT CONSUMPTION .....	505,844,126	564,140,772	32,800,623	31,168,762	38,030,150
<u>1936</u>					
Production .....	(b) 498,317,618	567,659,276	20,439,318	28,986,616	33,280,176
Plus imports .....	45,092,500	60,937,262	14,296,949	1,361,691	1,220,037
	543,410,118	628,646,538	34,736,267	30,348,307	34,500,213
Less exports and re-exports .....	19,412,825	3,399,780	...	631,681	...
	523,997,293	625,246,758	34,736,267	29,716,626	34,500,213
Plus decline in refinery stocks ....	8,288,296	...	87,457	1,422,359	844,307
	532,285,589	625,246,758	34,823,724	31,138,985	35,344,520
Less increase in refinery stocks ...	...	8,569,821	...	...	...
APPARENT CONSUMPTION .....	532,285,589	616,676,937	34,823,724	31,138,985	35,344,520
<u>1937</u>					
Production .....	(b) 544,109,039	640,299,876	23,867,529	26,349,649	30,319,024
Plus imports .....	49,315,477	72,478,101	15,331,130	2,415,350	1,451,292
	593,424,516	712,777,977	39,198,659	28,764,999	31,770,316
Less exports and re-exports .....	11,050,735	4,322,972	...	890,309	...
	582,373,781	708,455,005	39,198,659	27,874,690	31,770,316
Plus decline in refinery stocks ....	...	820,659	426,473	...	...
	582,373,781	709,275,664	39,625,132	27,874,690	31,770,316
Less increase in refinery stocks ...	18,566,691	...	...	1,191,994	580,997
APPARENT CONSUMPTION .....	563,807,090	709,275,664	39,625,132	26,682,696	31,189,319

(a) Import figures for fuel oil include amounts brought in "ex-warehoused for ships' stores". This item covers fuel oil imported in bond for use in fueling vessels at Canadian ports and, as there is no corresponding export item, such quantities might properly be omitted when compiling figures of Canadian consumption. In 1935, the amount under this item was 18,389,862 gallons, in 1936, 24,048,703 gallons, and in 1937, 24,369,010 gallons.

(b) Exclusive of fuel oil for cracking operations but including fuel oil used by refineries for power or heating purposes.

(c) Production figures for gasoline do not include absorption gasoline or Turner Valley naphtha sold to consumers at the wells. These gallonages, however, are probably included in the gross sales of gasoline as compiled from taxes paid to the Alberta Government (Table 43); engine and tractor distillate is also taxable in this province.

Table 38 - APPARENT CONSUMPTION OF FUEL OIL, GASOLINE, KEROSENE, ENGINE DISTILLATE, and LUBRICATING OILS, 1920 - 1937.

(Computed from Production, Imports, Exports and Refinery Stocks) (x)

Year	Fuel and gas oils	Gasoline	Engine distillate		Kerosene	Lubricating oils
			(Imperial gallons)			
1920	216,707,656	94,334,133			67,883,829	29,564,092
1921	185,729,965	159,379,748			68,160,649	29,286,776
1922	172,744,361	184,069,277			78,722,847	25,161,654
1923	246,280,451	172,889,742			70,073,769	25,318,579
1924	253,104,267	232,324,241			65,214,433	23,975,888
1925	272,861,288	246,986,374			48,774,434	24,235,590
1926	299,069,417	300,949,380			61,759,997	28,182,731
1927	387,544,567	363,927,380			57,585,207	31,464,944
1928	435,327,021	483,798,833			58,649,530	35,781,341
1929	516,271,783	606,934,668			52,516,909	41,851,437
1930	513,137,434	601,736,656			47,130,034	34,394,696
1931	488,371,080	565,266,046			46,543,627	29,270,337
1932	460,366,156	505,231,853			54,534,585	26,128,986
1933	481,688,950	463,176,444			42,362,473	30,557,493
1934	503,060,605	524,622,641			42,727,528	26,933,794
1935	505,844,126	564,140,772	38,030,150		31,168,762	32,800,623
1936	532,285,589	616,676,937	35,344,520		31,138,935	34,823,724
1937	563,807,090	709,275,664	31,189,319		26,682,696	39,625,132

(x) No record of refinery stocks prior to 1931.

Table 39 - SALES OF GASOLINE(x) IN CANADA, BY PROVINCES, 1933 - 1937. (Compiled from returns under the Provincial Gasoline Tax Acts)

Province	1933	1934	1935	1936	1937
Prince Edward Island	2,518,812	2,639,856	2,832,750	3,083,910	3,420,163
Nova Scotia	18,634,875	20,016,109	22,274,254	25,247,957	29,144,357
New Brunswick	12,574,097	13,640,325	15,185,003	17,477,029	21,947,202
Quebec	87,077,418	93,511,483	102,177,506	109,835,482	128,394,645
Ontario	228,415,717	252,976,407	272,680,687	282,827,724	324,858,959
Manitoba	24,868,846	27,678,221	28,448,689	30,561,665	34,635,432
Saskatchewan	31,837,173	36,784,519	39,166,282	45,966,233	46,278,251
Alberta	40,323,781	45,194,297	47,442,690	60,387,814	75,166,087
British Columbia	38,689,475	42,337,785	43,410,411	48,723,037	54,775,015
TOTAL GROSS SALES	484,940,194	534,779,002	573,618,272	624,115,851	718,620,111
REFUNDS	63,244,154	57,868,513	73,214,746	91,620,543	115,217,399
TOTAL NET SALES	421,696,040	476,910,489	500,403,526	532,855,308	603,402,712

(x) Includes some naphtha, tractor distillate, etc.

Table 40 - GROSS SALES OF GASOLINE IN CANADA, BY MONTHS, 1933 - 1937. (Gross Sales - IMPERIAL GALLONS sold for all purposes)

Month	1933	1934	1935	1936	1937
January	27,393,444	24,299,551	26,412,185	27,728,100	33,788,537
February	22,440,854	22,197,254	24,057,084	23,879,349	30,987,636
March	26,293,775	26,157,726	28,183,675	28,416,716	38,871,176
April	30,595,956	35,442,889	39,048,308	41,868,840	50,976,732
May	43,093,015	46,309,399	50,769,767	57,754,193	68,420,444
June	48,992,755	53,537,109	59,172,138	65,611,294	73,709,571
July	56,589,081	61,877,965	67,158,002	70,395,637	80,023,053
August	61,942,393	63,314,862	64,425,724	75,456,062	84,022,269
September	60,480,329	63,568,981	70,584,557	74,486,006	79,135,342
October	43,390,893	56,460,241	59,636,448	64,363,792	71,172,611
November	35,557,572	46,855,265	47,013,876	51,365,992	61,183,652
December	28,180,127	34,707,760	37,156,508	42,789,870	46,329,088
TOTAL	484,940,194	534,779,002	573,618,272	624,115,851	718,620,111

Table 41 - GROSS MONTHLY SALES OF GASOLINE IN CANADA, BY MONTHS and BY PROVINCES, 1937, and TOTALS FOR 1936.  
(in thousands of gallons)

Month	P. E. I.	Nova Scotia	New Brunsw- wick	Quebec	Ontario	Mani- toba	Saskat- chewan	Al- berta	British Colum- bia	TOTAL
January .....	128	1,330	811	5,795	17,786	1,341	906	2,828	2,864	33,789
February .....	72	1,182	711	5,306	16,357	1,149	698	2,743	2,770	30,988
March .....	88	1,387	885	5,921	20,581	1,323	1,198	4,054	3,654	38,871
April .....	195	1,787	965	7,693	22,883	1,876	4,442	7,093	4,043	50,977
May .....	332	2,812	1,844	11,366	29,288	2,916	6,182	8,778	4,902	68,420
June .....	399	3,030	2,494	13,901	31,698	3,523	5,716	7,648	5,301	73,710
July .....	447	3,501	2,901	15,173	35,717	3,921	5,294	7,072	5,997	80,023
August .....	471	3,660	3,075	15,867	36,729	4,282	6,039	7,742	6,157	84,022
September .....	414	3,171	2,727	14,747	33,898	4,876	5,582	8,101	5,619	79,135
October .....	368	2,749	2,393	13,121	30,539	3,952	4,581	8,461	5,008	71,172
November .....	322	2,505	1,873	11,136	27,249	3,264	3,712	6,639	4,484	61,194
December .....	184	2,030	1,268	8,369	22,334	2,213	1,928	4,007	3,996	46,529
TOTAL FOR 1937	3,420	29,144	21,947	128,395	324,859	34,636	46,278	75,166	54,775	718,620
TOTAL FOR 1936	3,089	25,248	17,477	109,835	282,828	30,562	45,966	60,388	48,723	624,116

Table 42 - NET SALES OF GASOLINE IN CANADA, BY PROVINCES, 1933 - 1937.  
(Net Sales - Gallons sold on which no refunds have been granted, chiefly for motor vehicles)

Province	1933	1934	1935	1936	1937
	(Imperial gallons)				
Prince Edward Island .....	2,101,204	2,201,905	2,104,901	2,484,445	2,814,779
Nova Scotia .....	15,843,685	17,190,498	19,526,958	22,322,829	23,966,685
New Brunswick .....	11,062,961	11,741,220	13,053,657	15,042,044	19,119,043
Quebec .....	80,511,245	88,223,973	94,251,686	103,662,080	121,732,952
Ontario .....	214,397,088	239,500,357	255,632,086	260,721,064	301,997,891
Manitoba .....	21,797,740	25,983,163	26,497,237	28,578,031	32,665,795
Saskatchewan .....	19,241,325	27,015,504	25,210,670	29,308,836	24,753,482
Alberta .....	27,277,911	32,525,148	30,261,287	32,861,958	33,762,330
British Columbia .....	29,462,881	32,528,721	33,865,044	37,873,971	42,589,755
CANADA .....	421,696,040	476,910,489	500,403,526	532,855,308	603,402,712

Table 43 - REVENUES FROM GASOLINE TAXES, BY PROVINCES, 1934 - 1937.

Province	1934	1935	1936	1937 (x)
	\$	\$	\$	\$
Prince Edward Island .....	174,485	178,687	200,854	269,252
Nova Scotia .....	1,303,046	1,422,542	1,760,209	2,006,489
New Brunswick .....	852,199	1,006,421	1,149,129	1,439,096
Quebec .....	5,127,448	5,666,442	6,272,064	7,078,230
Ontario .....	13,823,051	15,021,994	16,049,857	17,644,164
Manitoba .....	1,770,900	1,795,900	2,051,200	2,270,660
Saskatchewan .....	1,715,053	1,862,300	1,951,834	1,937,553
Alberta .....	1,960,349	2,048,272	2,380,088	2,610,211
British Columbia .....	2,323,322	2,530,087	2,717,201	3,118,312
CANADA .....	29,054,853	31,532,645	34,532,436	38,573,947

(x) 1937 data are subject to revision.

Table 44 - DATES WHEN GASOLINE ACTS BECAME EFFECTIVE and RATES OF TAX.

Province	Dates gasoline tax rates became effective	Rates per gallon (x) cents
Prince Edward Island .....	May 1, 1924	2
	March 31, 1926	3
	May 1, 1928	5
	May 2, 1932	6
	April 15, 1933	8
	April 23, 1937	10
Nova Scotia .....	March 15, 1926	3
	March 11, 1927	5
	April 1, 1932	6
	May 1, 1934	8
	March 15, 1938	10
New Brunswick .....	April 30, 1926	3
	December 1, 1928	5
	April 1, 1932	7
	April 1, 1934	8
	March 20, 1938	10
Quebec .....	April 1, 1924	2
	April 1, 1925	3
	April 1, 1928	5
	December 17, 1931	6
Ontario .....	May 11, 1925	3
	March 27, 1929	5
	March 25, 1932	6
Manitoba .....	April 27, 1923	1
	March 5, 1925	3
	April 14, 1930	5
	May 7, 1932	7 (refund 5 cents)
Saskatchewan .....	May 1, 1928	3
	April 1, 1930	5
	May 1, 1932	6 (refund 5 cents) (A)
	April 1, 1935	7 (refund 7 cents)
Alberta .....	April 30, 1922	2
	June 1, 1929	5 (refund 4 cents)
	April 1, 1933	6 (refund 5 cents)
	April 1, 1935	7 (refund 6 cents)
British Columbia .....	December 21, 1923	3
	March 25, 1930	5 (refund 5 cents)
	April 18, 1932	7 (refund 6 cents)

(x) When gasoline is used by farm tractors, fishing boats and for other stipulated uses, the total tax paid is refunded except in the western provinces where only a portion is refunded, as noted.

(A) Effective January 1, 1933.

Table 45 - REGISTRATIONS(x) OF MOTOR VEHICLES IN CANADA, 1904 - 1937.

Year	Number	Year	Number
1904	535	1921	464,805
1905	565	1922	502,382
1906	1,447	1923	575,985
1907	2,148	1924	645,263
1908	3,054	1925	724,048
1909	4,809	1926	832,268
1910	9,158	1927	939,651
1911	21,783	1928	1,069,343
1912	36,429	1929	1,187,331
1913	54,380	1930	1,232,489
1914	74,246	1931	1,200,668
1915	95,284	1932	1,113,533
1916	128,328	1933	1,083,178
1917	203,502	1934	1,129,532
1918	276,893	1935	1,176,126
1919	342,433	1936	1,240,124
1920	408,790	1937	1,319,702
		..... (xx) .....	

(x) Includes motor cycles, road tractors and government and municipal motor vehicles.  
 (xx) Data for 1937 subject to revision.

Table 46 - REGISTRATIONS OF MOTOR VEHICLES IN CANADA, BY PROVINCES, 1933 - 1937.

Province	1933	1934	1935	1936	1937
	Number	Number	Number	Number	Number
Prince Edward Island	6,940	7,206	8,231	7,632	8,011
Nova Scotia	40,648	41,932	43,952	46,179	50,048
New Brunswick	26,867	29,094	31,227	33,402	36,780
Quebec	160,012	165,523	170,644	181,628	197,917
Ontario	520,353	542,245	546,076	590,226	623,918
Manitoba	68,590	70,430	70,660	74,940	80,860
Saskatchewan	84,944	91,461	94,792	102,270	105,064
Alberta	86,041	89,369	93,970	97,468	100,434
British Columbia	88,554	92,021	98,411	106,079	116,341
Yukon	229	248	263	300	329
CANADA	1,083,178	1,129,532	1,176,126	1,240,124	1,319,702

Table 47 - REGISTRATIONS OF MOTOR VEHICLES IN CANADA, BY TYPES, 1937.

Province	Passenger cars	Taxi-cabs	Motor trucks	Motor buses	Motor cycles	Ambulances, hearses, etc.	TOTAL
	Number	Number	Number	Number	Number	Number	Number
Prince Edward Island	6,993	...	970	5	21	22	8,011
Nova Scotia	39,900	...	9,015	72	303	758	50,048
New Brunswick	29,937	...	6,273	92	174	304	36,780
Quebec	156,688	4,629	32,572	645	2,526	857	197,917
Ontario	541,802	...	76,714	820	4,582	...	623,918
Manitoba	65,519	228	14,300	173	640	...	80,860
Saskatchewan	83,644	261	20,597	75	487	...	105,064
Alberta	81,365	348	18,080	94	547	...	100,434
British Columbia	91,549	...	22,075	340	1,813	564	116,341
Yukon	149	...	133	4	9	34	329
CANADA	1,097,546	5,466	200,729	2,320	11,102	2,539	1,319,702

Table 48 - TRACTORS, AUTOMOBILES and GASOLINE ENGINES ON CANADIAN FARMS, 1931, and on FARMS IN THE PRAIRIE PROVINCES, 1936.

Province	Tractors	Motor trucks	Automobiles	Gasoline engines
	Number	Number	Number	Number
<u>1931</u>				
Prince Edward Island .....	176	369	3,885	4,193
Nova Scotia .....	424	1,704	10,297	2,848
New Brunswick .....	289	1,126	10,425	4,505
Quebec .....	2,417	5,152	26,877	36,251
Ontario .....	18,993	14,586	125,716	45,380
Manitoba .....	14,366	3,260	25,588	17,557
Saskatchewan .....	43,308	10,338	65,094	38,549
Alberta .....	23,985	7,319	42,817	26,938
British Columbia .....	1,402	3,947	10,585	3,544
<b>CANADA</b> .....	<b>105,360</b>	<b>48,401</b>	<b>321,284</b>	<b>179,765</b>
<u>1936</u>				
Manitoba .....	14,685	3,299	22,980	16,915
Saskatchewan .....	42,051	10,338	54,469	39,193
Alberta .....	24,913	7,657	39,222	30,029

**NOTE** - 1931 figures from the last decennial Census of Canada; 1936 figures from the last quinquennial Census of the Prairie Provinces.

Table 49 - PETROLEUM FUELS MARKETED IN CANADA, BY PROVINCES, 1931 - 1937.

(Calendar years - Million Imperial gallons - Thousand short tons of Coke)

**NOTE** - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Province	Fuel oil(x)	Kerosene	Gasoline motor fuel	TOTAL(x)	Per cent
<u>1937</u>					
New Brunswick and Prince Edward Island ....	10	2	25	37	3
Nova Scotia .....	32	3	29	64	5
Quebec .....	140	5	129	274	21
Ontario .....	114	7	325	446	35
Manitoba .....	21	4	35	60	5
Saskatchewan .....	22	5	46	73	6
Alberta and Northwest Territories .....	14	3	75	92	7
British Columbia and Yukon .....	180	1	55	236	18
<b>TOTAL</b> .....	<b>533</b>	<b>30</b>	<b>719</b>	<b>1,282</b>	<b>...</b>
<b>Per cent</b> .....	<b>42</b>	<b>2</b>	<b>56</b>	<b>...</b>	<b>100</b>
<u>1936</u>					
New Brunswick and Prince Edward Island ....	11	2	20	33	3
Nova Scotia .....	30	3	25	58	5
Quebec .....	139	5	110	254	22
Ontario .....	105	8	283	396	34
Manitoba .....	13	4	31	48	4
Saskatchewan .....	19	7	46	72	6
Alberta and Northwest Territories .....	16	4	60	80	7
British Columbia and Yukon .....	166	1	49	216	19
<b>TOTAL</b> .....	<b>499</b>	<b>34</b>	<b>624</b>	<b>1,157</b>	<b>...</b>
<b>Per cent</b> .....	<b>43</b>	<b>3</b>	<b>54</b>	<b>...</b>	<b>100</b>
<b>TOTAL - 1935</b> .....	<b>447</b>	<b>35</b>	<b>574</b>	<b>1,056</b>	<b>...</b>
<b>Per cent</b> .....	<b>42</b>	<b>3</b>	<b>55</b>	<b>...</b>	<b>100</b>
<b>TOTAL - 1934</b> .....	<b>425</b>	<b>36</b>	<b>535</b>	<b>996</b>	<b>...</b>
<b>Per cent</b> .....	<b>42</b>	<b>4</b>	<b>54</b>	<b>...</b>	<b>100</b>
<b>TOTAL - 1933</b> .....	<b>368</b>	<b>42</b>	<b>484</b>	<b>894</b>	<b>...</b>
<b>Per cent</b> .....	<b>42</b>	<b>4</b>	<b>54</b>	<b>...</b>	<b>100</b>



Table 49 - PETROLEUM FUELS MARKETED IN CANADA, BY PROVINCES, 1931 - 1937. (concluded)  
(Calendar Years - Million Imperial gallons - Thousand short tons of Coke)

	Fuel oil(x)	Kerosene	Gasoline motor fuel	TOTAL(x)	Per cent
TOTAL - 1932 .....	389	45	501	935	...
Per cent .....	41	5	54	...	100
TOTAL - 1931 .....	399	52	556	1,007	...
Per cent .....	40	5	55	...	100

(x) Data exclude fuel oil consumed in oil refineries.

Table 50 - COMPARATIVE SUMMARY OF FUEL OIL DELIVERIES, BY PROVINCES, 1931 - 1937.  
(Prepared from distributors' and importers' reports - Imperial gallons - Calendar Years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Area	Product of Canadian refineries	Product of foreign refineries (importa- tions)	Total fuel oil delivered (x)	Respective percentages of total			(a) Inventory December 31
				%	%	%	
<u>1937</u>							
N.B. and P.E.I. ....	10,460,632	Nil	10,460,632	2.0	Nil	2.0	3,154,972
Nova Scotia .....	32,187,414	Nil	32,187,414	6.0	Nil	6.0	9,694,749
Quebec .....	134,140,731	5,444,738	139,585,469	25.2	1.0	26.2	62,342,313
Ontario .....	112,683,414	1,294,680	113,978,034	21.2	0.2	21.4	57,629,907
Manitoba .....	20,591,333	244,325	20,835,658	3.9	...	3.9	2,290,627
Saskatchewan .....	21,715,794	57,107	21,772,901	4.1	...	4.1	10,051,399
Alberta (and N.W.T.) .....	13,408,290	599,483	14,007,773	2.5	0.2	2.7	3,287,220
B.C. (and Yukon) .....	140,323,032	39,409,647	179,732,679	26.3	7.4	33.7	28,334,156
TOTAL .....	485,510,640	47,049,980	532,560,620	91.2	8.8	100.0	176,785,343
<u>1936</u>							
N.B. and P.E.I. ....	11,345,388	Nil	11,345,388	2.3	Nil	2.3	(xx) 2,797,708
Nova Scotia .....	30,071,253	48,096	30,119,349	6.0	...	6.0	5,894,825
Quebec .....	129,664,238	9,391,792	139,056,030	26.0	1.9	27.9	46,549,405
Ontario .....	104,480,621	656,132	105,136,753	20.9	0.2	21.1	53,536,405
Manitoba .....	12,977,087	392,608	13,369,695	2.6	0.1	2.7	2,958,119
Saskatchewan .....	18,591,025	93,182	18,684,207	3.7	...	3.7	12,729,081
Alberta (and N.W.T.) .....	14,332,464	1,327,414	15,659,878	2.8	0.3	3.1	3,159,305
B.C. (and Yukon) .....	126,100,537	39,744,945	165,845,482	25.3	7.9	33.2	25,109,292
TOTAL .....	447,562,613	51,654,169	499,216,782	89.5	10.4	100.0	152,734,140
TOTAL - 1935 .....	381,054,569	65,972,158	447,026,727	85.2	14.8	100.0	156,210,763
TOTAL - 1934 .....	367,443,454	57,437,192	424,880,646	86.5	13.5	100.0	150,149,280
TOTAL - 1933 .....	301,231,406	67,395,737	368,627,143	81.7	18.3	100.0	111,547,323
TOTAL - 1932 .....	310,850,610	78,555,838	389,406,448	79.8	20.2	100.0	83,213,613
TOTAL - 1931 .....	329,532,490	69,881,184	399,413,674	82.5	17.5	100.0	91,433,877

Fuel oil of all grades heavier than 42° A.P.I., processed from petroleum.

(a) Inventory at refineries, warehouses, jobbers' and large consumers' storages.

(x) Data exclude gallonages which were produced and used in Canadian refineries for fuel.

(xx) Revised.

Table 51 - FUEL OIL DELIVERIES: SPECIFIC USES, BY PROVINCES, 1951 - 1937.

(As reported by distributors and importers - Imperial gallons - Calendar years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Area	DOMESTIC and BUILDING heating		INDUSTRIAL (manufac-turers') heating and for power	TRACTOR fuel oil, not lubricant	RAILWAYS, principally locomotive fuel	BUNKERING, includes distributors' tankers	TOTAL DELIV-ERIES Imperial gallons	Per cent of yearly total
	Number domestic cus-tomers	Quantity						
<u>1937</u>								
N.B. and P.E.I. . . . .	1,814	3,141,515	3,233,715	25,690	111,911	3,947,801	10,460,632	2.0
Nova Scotia . . . . .	4,404	5,934,349	7,046,635	4,047	37,383	19,165,000	32,187,414	6.0
Quebec . . . . .	10,471	39,095,611	34,338,745	972,205	1,820,228	63,358,680	139,585,469	26.2
Ontario . . . . .	23,479	39,650,575	57,032,657	6,675,543	3,139,150	7,480,169	113,978,094	21.4
Manitoba . . . . .	913	2,079,592	2,149,490	15,409,009	1,178,912	18,655	20,835,658	3.9
Saskatchewan . . . . .	230	1,009,752	10,657,495	9,952,581	153,073	...	21,772,901	4.1
Alberta and N.W.T. . . . .	25	357,237	2,640,892	5,410,750	5,503,624	95,270	14,007,773	2.7
British Columbia and Yukon . . . . .	8,983	26,454,452	45,346,719	145,763	40,690,396	67,095,349	179,732,679	33.7
TOTAL - 1937 ..	50,319	117,723,083	162,446,348	38,595,588	52,634,677	161,160,924	532,560,620	100.0
TOTAL - 1936 ..	48,846	111,909,055	138,171,436	30,069,376	51,946,801	167,120,114	499,216,782	100.0
TOTAL - 1935 ..	45,444	109,152,778	119,595,016	34,292,063	46,901,493	137,085,377	447,026,727	100.0
TOTAL - 1934 ..	55,290	109,743,672	95,099,427	22,395,115	50,737,946	146,994,486	424,880,646	100.0
TOTAL - 1933 ..	53,221	99,796,758	83,657,518	12,670,942	43,489,378	129,012,547	368,627,143	100.0
TOTAL - 1932 ..	36,978	77,557,558	82,235,631	12,590,275	56,991,888	160,031,096	389,406,448	100.0
TOTAL - 1931 ..	32,435	73,250,256	108,819,912	3,593,256	57,745,933	156,004,317	399,413,674	100.0

Fuel oil includes all oils heavier than 42° A.P.I. processed from petroleum. Amounts recorded respectively for domestic, industrial, and tractor purposes were for actual CONSUMPTION within the areas indicated; those recorded under railways and bunkering were taken from, or accepted at delivery points within these areas, but were consumed by carriers where required.

Table 52 - COMPARATIVE SUMMARY OF KEROSENE DELIVERIES, BY PROVINCES, 1931 - 1937.

(Prepared from distributors' and importers' reports - Imperial gallons - Calendar years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Area	Product of		Total kerosene delivered	Respective percentages of total			Inventory December 31
	Canadian refineries	foreign refineries (importations)		%	%	%	
<u>1937</u>							
N.B. and P.E.I. . . . .	1,802,757	42,533	1,845,290	6.0	0.2	6.2	480,694
Nova Scotia . . . . .	2,648,953	93	2,649,046	8.8	...	8.8	3,052,272
Quebec . . . . .	5,138,103	189,225	5,327,328	17.2	0.6	17.8	3,234,369
Ontario . . . . .	6,181,234	538,255	6,719,489	20.7	1.8	22.5	5,431,759
Manitoba . . . . .	3,312,723	129,849	3,442,572	11.1	0.4	11.5	824,192
Saskatchewan . . . . .	5,273,918	66,522	5,340,440	17.7	0.2	17.9	2,956,156
Alberta . . . . .	3,143,813	91,995	3,235,808	10.5	0.3	10.8	2,036,137
British Columbia . . . . .	725,164	610,637	1,335,801	2.4	2.1	4.5	604,205
TOTAL - 1937 ..	28,226,665	1,669,109	29,895,774	94.4	5.6	100.0	18,619,784

Table 52 - COMPARATIVE SUMMARY OF KEROSENE DELIVERIES, BY PROVINCES, 1931 - 1957. (concluded)

(Prepared from distributors' and importers' reports - Imperial gallons - Calendar Years

Area	Product of Canadian refineries	Product of foreign refineries (importations)	Total kerosene delivered	Respective percentages of total			Inventory December 31
				%	%	%	
<u>1936</u>							
N.B. and P.E.I. ....	2,244,810	27,059	2,271,869	6.6	0.1	6.7	(xx) 770,214
Nova Scotia .....	3,170,901	...	3,170,901	9.5	...	9.5	598,510
Quebec .....	4,411,203	148,245	4,559,448	13.0	0.4	13.4	3,605,497
Ontario .....	7,123,954	695,482	7,819,416	20.9	2.1	23.0	7,324,676
Manitoba .....	3,515,167	71,705	3,586,872	10.3	0.2	10.5	1,234,716
Saskatchewan .....	7,473,967	68,131	7,542,098	22.0	0.2	22.2	3,830,340
Alberta .....	3,608,094	174,927	3,783,021	10.6	0.5	11.1	1,438,029
British Columbia .....	842,817	451,753	1,294,570	2.5	1.3	3.8	406,457
TOTAL - 1936 .....	32,390,893	1,637,302	34,028,195	95.2	4.8	100.0	19,208,439
TOTAL - 1935 .....	33,816,722	1,500,904	35,317,626	95.8	4.2	100.0	21,431,620
TOTAL - 1934 .....	33,712,200	2,464,183	36,176,383	93.2	6.8	100.0	21,638,320
TOTAL - 1933 .....	40,708,555	1,040,353	41,748,908	97.5	2.5	100.0	19,774,223
TOTAL - 1932 .....	42,801,072	1,807,143	44,608,215	95.9	4.1	100.0	15,785,179
TOTAL - 1931 .....	48,225,962	3,489,415	51,715,377	93.3	6.7	100.0	...

(xx) Revised.

Table 53 - KEROSENE DELIVERIES: SPECIFIC USES, BY PROVINCES, 1934-1937.

(Data include all oils ranging approximately between 42° and 47° A.P.I. - Imperial gallons - Calendar years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Province	For domestic heating, cooking and lighting purposes	For fuel in tractors	For other general usage	Total Deliveries	Per cent of total %	Used by Railways (x)	Inventory December 31
	<u>1937</u>						
N.B. and P.E.I. ...	1,844,885	...	405	1,845,290	6.2)	149,715	480,694
Nova Scotia .....	2,646,820	...	2,226	2,649,046	8.8)	...	3,052,272
Quebec .....	5,135,113	...	192,215	5,327,328	17.8	60,857	3,234,369
Ontario .....	5,408,504	900,533	410,452	6,719,489	22.5	123,543	5,431,759
Manitoba .....	1,473,541	1,945,832	23,199	3,442,572	11.5	117,555	824,192
Saskatchewan .....	3,041,149	2,286,449	12,842	5,340,440	17.9	150,969	2,956,156
Alberta .....	1,972,447	1,198,153	65,208	3,235,808	10.8	118,311	2,036,137
British Columbia ..	809,367	12,373	514,061	1,335,801	4.5	75,390	604,205
TOTAL - 1937 ....	22,331,826	6,343,340	1,220,808	29,895,774	...	796,340	18,619,784
Per cent .....	74.7	21.2	4.1	...	100.0	(2.7)	...
<u>1936</u>							
N.B. and P.E.I. ...	2,271,804	...	65	2,271,869	6.7)	141,031	(xx) 770,214
Nova Scotia .....	3,167,042	3,859	...	3,170,901	9.5)	...	598,510
Quebec .....	4,492,646	...	66,892	4,559,448	13.4	61,832	3,605,497
Ontario .....	6,735,732	548,326	535,358	7,819,416	23.0	140,863	7,324,676
Manitoba .....	1,239,683	2,284,981	62,208	3,586,872	10.5	119,527	1,234,716
Saskatchewan .....	2,800,103	4,729,863	12,132	7,542,098	22.2	152,871	3,830,340
Alberta .....	1,241,372	2,517,748	23,901	3,783,021	11.1	125,773	1,438,029
British Columbia ..	738,046	14,834	541,690	1,294,570	3.8	112,234	406,457
TOTAL - 1936 ....	22,686,428	10,099,611	1,242,156	34,028,195	...	854,131	19,208,439
Per cent .....	66.7	29.7	3.6	...	100.0	(2.5)	...

Table 53 - KEROSENE DELIVERIES: SPECIFIC USES, BY PROVINCES, 1934 - 1937. (concluded).

(Data include all oils ranging approximately between 42° and 47° A.P.I. - Imperial gallons - Calendar years)

Province	For domestic heating, cooking and lighting purposes	For fuel in tractors	For other general usage	Total Deliveries	Per cent of total	Used by Railways (x)	Inventory December 31
TOTAL - 1935 ....	22,964,849	9,383,094	2,969,683	35,317,626	...	767,460	21,431,620
Per cent .....	65.0	26.6	8.4	...	100.0	(2.2)	...
TOTAL - 1934 ....	23,891,483	8,864,482	5,420,418	36,176,383	...	796,956	21,638,320
Per cent .....	66.0	24.5	9.5	...	100.0	(2.2)	...

(x) Coal oil and long-time burning oil used principally by the railways for signals, lanterns, lamps, and other small lighting; the amounts shown are included in first column.

(xx) Revised.

Table 54 - SALES OF PETROLEUM COKE, CALENDAR YEARS, 1932 - 1937. (Short tons)

(As fuel only, not as material)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Bureau of Mines, Department of Mines and Resources, Ottawa.

Area	Fuel for Domestic heating(x)	Fuel for Industrial heating(a)	TOTAL SHORT TONS	Inventory December 31(x)
<u>1937</u>				
Maritimes .....	402	13	415	Nil
Quebec .....	131	1,265	1,396	39,780
Ontario .....	40,232	632	40,864	68,237
Western provinces .....	1,373	4,139	5,512	1,078
Canadian .....	40,563	6,049	46,612	7,414
Imported .....	1,575	...	1,575	101,681
TOTAL - 1937 .....	42,138	6,049	48,187	109,095
<u>1936</u>				
Maritimes .....	404	6	410	(xx) 38
Quebec .....	258	1,708	1,966	28,914
Ontario .....	36,030	593	36,623	51,801
Western provinces .....	1,681	5,016	6,697	1,298
Canadian .....	36,687	7,263	43,950	20,781
Imported .....	1,686	60	1,746	61,270
TOTAL - 1936 .....	38,373	7,323	45,696	82,051
TOTAL - 1935 .....	63,413	16,476	79,889	85,144 (xx)
TOTAL - 1934 .....	39,200	17,555	56,755	48,169
TOTAL - 1933 .....	54,632	27,571	82,203	33,876
TOTAL - 1932 .....	57,634	36,189	93,823	42,023

(x) As reported by coal dealers, distributors, and importers; inventory also includes stocks at refineries.

(a) Industrial tonnage consists mostly of amounts used in refineries as fuel.

(xx) Revised.

Table 55 - FREIGHT MOVEMENT IN PETROLEUM PRODUCTS - REVENUE FREIGHT CARRIED BY CANADIAN RAILWAYS, 1957.

Commodities	FREIGHT ORIGINATED				FREIGHT TERMINATED			
	Loaded	Received from			Unloaded		EXPORT	IMPORT
	at sta-	foreign connections:		TOTAL	at stations:	Delivered	via	Rail
	tions	Destined to	Canadian:	Foreign	within the:	to foreign	Column	Column
within the:	Canadian:	Foreign		within the:	to foreign	Column	Column	
province:	points	points		province:	connections:	1-5	5-1	
	1	2	3	4	5	6	7	8
<u>Prince Edward Island -</u>								
Crude petroleum .....	...	...	...	...	...	...	...	...
Asphalt .....	78	...	...	78	1,360	...	...	1,282
Gasoline .....	1,210	...	...	1,210	8,173	...	...	6,965
Other petroleum products	451	...	...	451	3,233	...	...	2,782
<u>Nova Scotia -</u>								
Crude petroleum.....	...	...	...	...	65	...	...	65
Asphalt .....	76,362	...	...	76,362	35,465	...	40,897	...
Gasoline .....	85,183	...	...	85,183	71,254	56	13,929	...
Other petroleum products	34,629	431	...	35,060	34,860	417	...	251
<u>New Brunswick -</u>								
Crude petroleum .....	54	...	...	54	54	...	...	...
Asphalt .....	3,669	12	112	3,793	40,707	20	...	57,038
Gasoline .....	45,662	14	9,225	54,901	57,008	5,113	...	11,346
Other petroleum products	9,903	366	1,159	11,428	19,992	773	...	10,089
<u>QUEBEC -</u>								
Crude petroleum .....	36	35	...	61	30	96	...	4
Asphalt .....	90,081	1,185	370	91,636	49,347	291	40,734	...
Gasoline .....	290,008	5,627	17,318	312,953	261,913	3,552	28,095	...
Other petroleum products	129,513	13,445	10,213	153,171	146,135	4,031	...	16,622
<u>Ontario -</u>								
Crude petroleum .....	15,115	8,263	471	23,849	15,986	821	...	871
Asphalt .....	63,742	5,186	16,823	85,751	103,800	17,161	...	40,058
Gasoline .....	558,481	30,717	36,993	626,191	526,866	41,925	31,615	...
Other petroleum products	272,520	56,969	94,072	423,561	262,060	96,020	10,460	...
<u>Manitoba -</u>								
Crude petroleum .....	...	43,521	...	43,521	46,415	...	...	46,415
Asphalt .....	455	117	...	572	10,953	...	...	10,498
Gasoline .....	3,588	10,325	...	13,913	140,029	...	...	136,441
Other petroleum products	13,100	10,432	...	23,532	80,003	...	...	66,903
<u>Saskatchewan -</u>								
Crude petroleum .....	8,209	165,590	...	173,799	337,783	...	...	329,574
Asphalt .....	11,117	548	...	11,665	2,636	...	8,481	...
Gasoline .....	102,013	4,956	...	106,969	115,921	...	...	13,908
Other petroleum products	63,585	3,367	433	67,385	55,290	...	8,295	...
<u>Alberta -</u>								
Crude petroleum .....	77,207	112,399	...	189,606	34,209	...	42,998	...
Asphalt .....	9,543	37	...	9,580	8,857	170	686	...
Gasoline .....	151,859	16,279	...	168,138	120,623	34	31,256	...
Other petroleum products	38,358	3,727	...	42,085	50,723	...	...	12,365
<u>British Columbia -</u>								
Crude petroleum .....	4,160	35	...	4,195	269	...	3,891	...
Asphalt .....	17,740	786	248	18,774	21,876	248	...	4,156
Gasoline .....	63,124	299	1,411	64,834	60,606	1,411	2,518	...
Other petroleum products	41,755	5,136	1,584	48,475	45,551	2,042	...	3,796

NOTE - ASPHALT includes NATURAL and BY-PRODUCT PETROLEUM.

DIRECTORY OF OPERATING PETROLEUM REFINERIES IN CANADA, 1957.

Name of Company	Location of Refinery	Crude oil capacity Bbls. per 24 hours	Type of refinery	Cracking	Plant	Capacity Bbls. per 24 hours
				Type		
<u>NOVA SCOTIA -</u>						
Imperial Oil Limited	Imperoyal	11,000	S - C	Tube and Tank		7,000
<u>NEW BRUNSWICK -</u>						
New Brunswick Gas & Oilfields Ltd.	Weldon	200 - 300	S	-		-
<u>QUEBEC -</u>						
British American Oil Refineries Ltd.	Montreal East	12,000	S - C	Liquid and vapour phase		6,000
General Petroleum Refineries	Pointe-aux-Trembles	2,000	S	-		-
Imperial Oil Limited	Montreal East	30,000	S - C	Tube and Tank		12,000
McCull-Fontenac Oil Co. Limited	Montreal East	18,000	S - C	2 Jenkins units 1 Kellogg unit		12,500
Shell Oil Company of Canada Ltd.	Montreal East	6,500	S - C	Dubbs Selective		4,250
<u>ONTARIO -</u>						
British American Oil Refineries Limited, The	Toronto	5,000	S - C	Liquid and vapour phase		3,000
Canadian Oil Refineries Limited	Petrolia	3,500	S - C	Liquid phase		1,000
Good Rich Refining Co. Ltd.	Port Credit	2,000	S - C	Dubbs		700
Imperial Oil Limited	Sarnia	25,000	S - C	Tube and Tank		15,000
McCull-Fontenac Oil Co. Limited	Toronto	5,000	S - C	2 Jenkins units 1 Gyro unit		3,500
<u>MANITOBA -</u>						
North Star Oil Limited	St. Boniface	1,000	S	-		-
Radio Oil Refineries Ltd.	East Kildonan	1,200	S	-		-
Trump Oil Company Limited	Morris	250	S	-		-
<u>SASKATCHEWAN -</u>						
British American Oil Refineries Limited, The	Moose Jaw	4,000	S - C	Liquid and vapour phase		2,000
Carrot River Oil Refineries Ltd.	Melfort	270	S	-		-
Consumers Co-Operative Refineries Ltd.	Regina	500	S	-		-
Eston Refining Co. Ltd.	Eston	300	S	-		-
Globe Oil Sales Co.	Shaunavon	300	S	-		-
Hi-Way Refineries Limited ✓	Regina	200	S	-		-
Hi-Way Refineries Limited ✓	Regina	500	S	-		-
Hi-Way Refineries Limited ✓	Moose Jaw	200	S	-		-
Hi-Way Refineries Limited ✓	Prince Albert	200	S	-		-
Hi-Way Refineries Limited ✓	Saskatoon	200	S	-		-
Hi-Way Refineries Limited	Swift Current	200	S	-		-
Hi-Way Refineries Limited	Weyburn	200	S	-		-
Home Oil and Refining Co. Ltd.	Humboldt	300	S	-		-
Imperial Oil Limited	Regina	7,000	S - C	Tube and Tank		3,800
Northern Petroleum Corporation, Ltd.	Kamsack	200	S	-		-
Rosetown Hi-Way Refinery Limited	Rosetown	250	S	-		-
Sterling Refineries Ltd.	Yorkton	750	S	-		-
Natural Sodium Products Ltd.	Expanse	1,000	S	-		-

DIRECTORY OF OPERATING PETROLEUM REFINERIES IN CANADA, 1937. (continued)

Name of Company	Location of Refinery	Crude oil capacity Bbls. per 24 hours	Type of refinery	Cracking	Plant	Capacity Bbls. per 24 hours
				Type		
<u>ALBERTA -</u>						
British American Oil Refineries Limited, The	Coutts	2,500	S - C	Liquid and vapour phase		1,200
Fraser, J. W., Refining Company	Wainwright	50	S	-		-
Gas and Oil Products Limited	Hartell	100	S	-		-
Gold Standard Oils Ltd.	Wainwright	300	S	-		-
Huff Refinery Company Limited	Lethbridge	500	S	-		-
Imperial Oil Limited	Calgary	6,000	S - C	Tube and Tank		3,000
Lion Refining Company	Calgary	250	S	-		-
Oughton Bros.	Turner Valley	100	S	-		-
<u>BRITISH COLUMBIA -</u>						
Imperial Oil Limited	Ioco	13,000	S - C	Tube and Tank		5,500
Shell Oil Company of British Columbia Ltd.	Vancouver	4,000	S	-		-
Standard Oil Company of British Columbia	Vancouver	2,500	S	-		-
<u>NORTHWEST TERRITORIES -</u>						
Northwest Company Ltd.	Fort Norman	150	S	-		-

S - Scimming.

C - Cracking.

DIRECTORY OF PLANTS ENGAGED IN THE COMPOUNDING OF LUBRICATING OILS AND GREASES IN CANADA, 1937.

<u>Name of Company</u>	<u>Location of Plant</u>
<u>QUEBEC -</u>	
Chapman, L.L. & W. H.	4 Lewis Street, Hull
Economic Products Ltd.	6508 Durocher Avenue, Outremont
Union Products	1150 Conway Street, Montreal
<u>ONTARIO -</u>	
Campbell Grease Company	414 Eastern Avenue, Toronto
Horsey, R. W., Ltd.	284 St. Helens Ave., Toronto
Hollingshead, R.M., Co. of Canada, Ltd.	Bowmanville
Houghton, E.C., & Co. of Canada, Ltd.	185 Dufferin St., Toronto
Kendall Refining Company of Canada, Ltd.	35 Fraser Ave., Toronto
Ontario Lubricating Co. Ltd.	120 Chatham St., Hamilton
Ontario Gasoline & Oil Ltd.	45 Dickens Ave., Toronto
Tide Water Oil Co. of Canada, Ltd.	201 Weston Road S., Toronto
Queant Oil Products Ltd.	Industrial St., Leaside
<u>BRITISH COLUMBIA -</u>	
Canada Grease Works Ltd.	280 East 6th Avenue, Vancouver.

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