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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS

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THE PETROLEUM PRODUCTS INDUSTRY  
IN  
CANADA  
1932

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Minister of Trade and Commerce.

OTTAWA  
1933

200-200





-2-  
(2) - PETROLEUM REFINING

Reports have been received from 24 refineries which were in operation during 1932, as follows:- 1 in Nova Scotia, 1 in New Brunswick, 4 in Quebec, 4 in Ontario, 3 in Manitoba, 3 in Saskatchewan, 6 in Alberta and 2 in British Columbia. The Bureau also has record of 5 other small refineries which probably were operating during part of 1932 but which have not yet filed their Census of Industry returns. However, the capacity of these refineries is very small and the omission of their figures will not materially affect the totals shown in this report. Some important refineries were being constructed at the close of 1932. The directory appended to this report carries the names, locations and capacities of operating and projected refineries, according to available information.

930,114,055

The 24 refineries covered by this report used ~~851,506,813~~ gallons of crude oil in 1932 including 645,412,290 gallons from the United States, ~~150,000,075~~ <sup>225,128,345</sup> gallons from South America, 37,340,321 gallons from Canadian wells and ~~13,667,520~~ <sup>23,241,099</sup> gallons from other countries. Gasoline production totalled 399,936,678 gallons including 207,823,273 gallons straight run and 192,113,405 gallons by the cracking process. Fuel and gas oils made for sale amounted to 312,814,635 gallons and in addition to this the operating refineries produced and used 53,459,252 gallons for fuel purposes. Other products made for sale included 52,466,990 gallons of kerosene, 18,075,192 gallons of solvent naphtha, engine distillates, etc., 15,105,061 gallons of lubricating oils, 9,629,492 pounds of grease, 9,195,542 pounds of wax and candles and 23,082,228 gallons of asphalt.

Capital employed in the petroleum refining industry was reported at \$68,882,376, the number of employees averaged 4,058 monthly, salaries and wages for the year amounted to \$5,897,811 and the cost of materials was \$52,029,471. Products were valued at \$71,360,324 at the refineries.

The total capacity of the refineries was reported at 135,850 barrels of crude oil per day.

Considerable quantities of casinghead gasoline were imported into Canada during the year for blending with the refinery run gasoline. The quantity brought in for this purpose is shown separately in the import figures so the amounts used at the refineries are NOT included in the figures of refinery output.

Table 2 - NUMBER AND TOTAL CAPACITY OF PETROLEUM REFINERIES IN OPERATION, 1931 and 1932.

Provinces	1931		1932	
	Number	Capacity in barrels of crude per day	Number	Capacity in barrels of crude per day
Nova Scotia .....	1	12,000	1	12,000
New Brunswick .....	1	100	1	100
Quebec .....	3	43,000	4	45,000
Ontario .....	4	36,500	4	36,400
Manitoba .....	2	1,500	3	1,900
Saskatchewan .....	1	7,000	3	7,900
Alberta .....	6	17,250	6	16,550
British Columbia .....	2	16,000	2	16,000
<b>C A N A D A .....</b>	<b>20</b>	<b>133,350</b>	<b>24</b>	<b>135,850</b>

JUN 13 1953

PROPERTY OF

C O R R E C T I O N

In the bulletin on THE PETROLEUM PRODUCTS INDUSTRY IN CANADA, 1932, which was issued by the Dominion Bureau of Statistics on April 27th, 1953, the amount of crude oil used in petroleum refineries was shown at 851,506,213 gallons. This total should be 930,114,055 gallons, and the following corrections should be made in the report:--

PAGE 2 - PARAGRAPH 2

Line 1 - Read 930,114,055 gallons instead of 851,506,213 gallons

Line 2 - Read 225,120,345 gallons instead of 156,092,073 gallons.

Line 3 - Read 22,241,099 gallons instead of 12,661,529 gallons





Table 3 - TOTAL EMPLOYED IN THE PETROLEUM REFINING INDUSTRY, 1931 and 1932.

Provinces	Value of lands, buildings, machinery and equipment	Inventory value of materials on hand and stocks in process	Inventory value of finished products on hand	Operating capital (cash, bills receivable, etc.)	TOTAL
	\$	\$	\$	\$	\$
<u>1931</u>					
Quebec	12,330,745	2,325,746	2,925,724	15,300	17,597,515
Ontario	17,472,937	4,838,669	2,664,364	306,489	25,282,459
Alberta	3,754,495	1,112,157	2,222,519	408,930	7,498,101
CANADA (x)	44,874,796	11,054,287	10,459,144	900,329	67,288,556
<u>1932</u>					
Quebec	12,929,435	3,625,741	2,560,734	198,665	19,314,575
Ontario	15,728,330	4,566,251	3,131,481	2,306,625	25,732,687
Alberta	3,779,883	784,767	2,211,199	448,662	7,224,511
CANADA (x)	42,996,441	11,726,283	10,826,119	3,333,533	68,882,376

(x) Also includes data for refineries in other provinces.

Table 4 - EMPLOYEES, SALARIES AND WAGES, 1931 and 1932.

Provinces	Average number of employees				TOTAL	Salaries and Wages		
	On salaries		On wages			Salaries	Wages	TOTAL
	Male	Female	Male	Female				
<u>1931</u>								
Quebec	76	8	766	2	852	170,985	1,176,266	1,347,251
Ontario	202	29	1,745	8	1,984	559,472	2,281,322	2,840,794
Alberta	52	6	256	2	316	129,939	354,179	484,118
CANADA (x)	458	59	3,529	12	4,058	1,193,532	4,916,536	6,110,068
<u>1932</u>								
Quebec	74	11	786	..	871	225,709	1,067,629	1,293,338
Ontario	215	31	1,685	6	1,937	584,902	2,179,306	2,764,208
Alberta	51	5	235	1	292	140,844	300,009	440,853
CANADA (x)	474	62	3,515	7	4,058	1,285,502	4,612,309	5,897,811

(x) Also includes data for other provinces.

Table 5 - NUMBER OF WAGE EARNERS, BY MONTHS, 1932.

Months	Quebec	Ontario	Alberta	CANADA (x)
January	762	1,736	254	3,540
February	740	1,704	260	3,484
March	758	1,688	260	3,465
April	856	1,681	260	3,597
May	843	1,719	268	3,607
June	825	1,693	249	3,662
July	794	1,691	251	3,628
August	790	1,690	248	3,604
September	793	1,690	197	3,449
October	763	1,669	194	3,396
November	758	1,668	182	3,386
December	780	1,672	194	3,415
AVERAGE	786	1,691	236	3,522

(x) Also includes data for other provinces.

Table 6 - FUEL AND ELECTRICITY USED, 1931 and 1932.

Kinds	Unit of measure	1931		1932	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian	short ton	850	4,985	685	2,863
Imported	short ton	34,089	147,416	33,712	147,336
Coke, including petroleum coke	short ton	19,645	96,095	22,431	123,880
Fuel oil	Imp. gal.	54,772,375	1,646,273	54,594,832	1,762,597
Gas - Manufactured, including					
still gas	M cu.ft.	4,619,209	980,651	3,836,413	824,385
Natural	M cu.ft.	1,063,689	102,500	718,149	66,808
Other fuel	—	...	56,220	...	78,271
Electricity purchased	K.W.H.	37,515,488	336,548	40,028,365	332,502
<b>TOTAL</b>	—	...	3,371,118	...	3,338,648
Electricity generated for own use	K.W.H.	3,057,692	...	2,989,000	...

Table 7 - POWER EMPLOYED, 1931 and 1932.

Kinds	1931		1932	
	Number of units	Total horse power	Number of units	Total horse power
Steam engines and turbines	395	13,621	394	13,748
Gasoline, gas and oil engines	9	1,590	9	1,588
Total Primary Power	402	15,211	403	15,336
Electric motors run by purchased power	696	15,658	754	16,229
Total Power Employed	1,098	30,869	1,157	31,565
Electric motors run by primary power in same plant	60	1,740	73	1,902
Total Electric Motors	756	17,398	827	18,131
Boilers	113	27,191	111	26,879

Table 8 - MATERIALS USED, 1931 and 1932.

Materials	Unit of measure	1931		1932	
		Quantity	Cost at works	Quantity	Cost at works
<b>Petroleum refining:-</b>					
Crude oil from Canadian wells (x)	Imp. gal.	40,668,529	4,234,481	37,340,321	3,233,136
Crude oil, imported	Imp. gal.	1,025,119,509	43,094,937	814,773,734	45,494,788
Sulphuric acid (66°Be)	lb.	31,160,023	315,490	26,653,976	266,403
Sulphur	lb.	126,186	4,278	62,244	2,425
Caustic soda	lb.	4,358,920	144,191	3,079,914	99,852
Soda ash	lb.	331,713	7,602	323,840	6,870
Litharge	lb.	257,371	20,164	588,499	27,415
Fullers' earth and clay	lb.	16,157,582	201,361	19,642,170	258,934
Compounding materials	—	...	386,542	...	424,723
Other materials	—	...	134,791	...	408,615
Shipping containers	—	...	1,809,786	...	1,806,304
<b>TOTAL</b>	—	...	50,355,423	...	52,023,471
Fuel and gas oils made and used in pressure cracking process	Imp. gal.	441,966,680	...	358,554,877	...

(x) Includes naphtha from the Turner Valley field.

892, 773, 734



PAGE 4 - TABLE 8

For "Crude oil, imported" read 892,773,734 gallons instead of 814,165,892 gallons

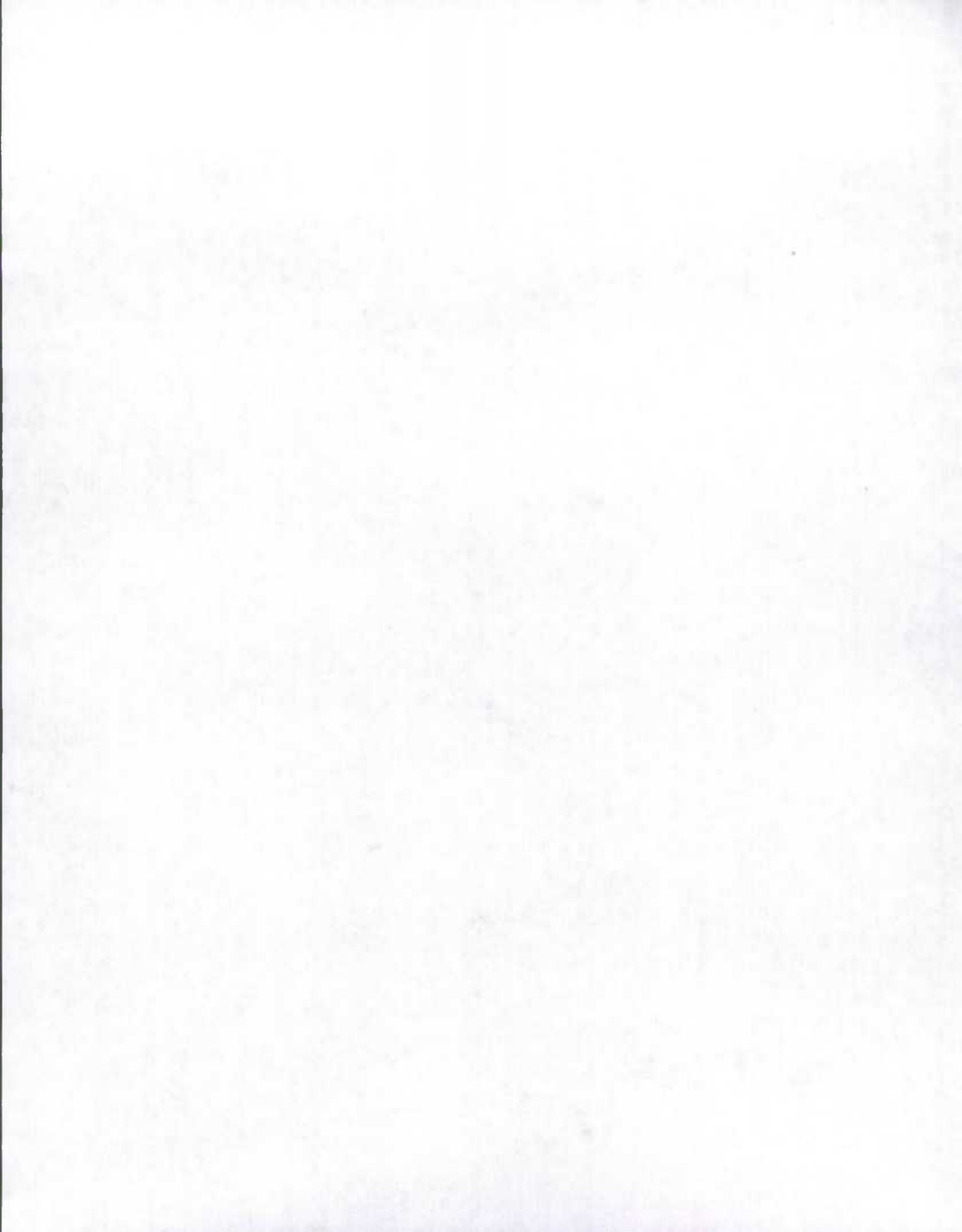


Table 9 - PRODUCTS OF THE PETROLEUM REFINING INDUSTRY IN CANADA, 1931 and 1932.

Products	Unit of measure	1931		1932	
		Quantity	Selling value at works	Quantity	Selling value at works
<b>Petroleum refining -</b>					
<b>Made for sale -</b>					
Gasoline (a) straight run (x).....	Imp. gal.	278,215,832	29,876,513	207,750,871	23,148,720
(b) by cracking process ..	Imp. gal.	191,632,502	20,224,691	192,113,405	19,957,260
Fuel and gas oils .....	Imp. gal.	374,201,530	12,400,027	312,814,635	11,262,147
V.M. & P. or solvent naphtha (engine distillate, etc.)	Imp. gal.	8,468,995	769,201	18,075,192	2,043,823
Kerosene .....	Imp. gal.	39,421,314	4,125,272	52,466,990	5,141,901
Lubricating oils .....	Imp. gal.	15,157,068	2,548,923	15,105,061	3,656,856
Grease .....	lb.	9,390,866	187,216	9,629,492	531,759
Tar .....	lb.	902,000	9,020	.....	.....
Asphalt .....	Imp. gal.	37,937,082	1,836,403	23,082,228	1,934,046
Petroleum coke .....	ton	52,310	280,660	53,787	293,755
Wax and candles .....	lb.	10,097,369	368,677	9,195,542	417,304
Other products .....	-	...	186,963	...	176,402
<b>Total for Sale .....</b>	<b>-</b>	<b>...</b>	<b>72,813,566</b>	<b>...</b>	<b>68,563,973</b>
<b>Made for own use --</b>					
Gasoline, straight run .	Imp. gal.	77,041	8,039	72,402	7,472
Fuel and gas oils (except for cracking) .....	Imp. gal.	54,551,901	1,640,400	53,459,252	1,787,253
V. M. & P. or solvent naphtha .....	Imp. gal.	22,462	2,252	106,435	9,985
Kerosene .....	Imp. gal.	44,245	4,810	58,067	5,406
Lubricating oils .....	Imp. gal.	54,823	8,852	38,842	9,380
Petroleum coke .....	ton	20,029	96,676	19,278	104,181
Still gas .....	M cu.ft.	5,161,905	980,628	3,836,413	824,386
Other products .....	-	...	33,202	...	48,288
<b>Total for Own Use ....</b>	<b>-</b>	<b>...</b>	<b>2,774,859</b>	<b>...</b>	<b>2,796,351</b>
<b>TOTAL PETROLEUM REFINING . --</b>		<b>...</b>	<b>75,588,425</b>	<b>...</b>	<b>71,360,324</b>
<b>Fuel and gas oils made and used in pressure cracking process .....</b>					
	Imp. gal.	441,297,994	...	355,368,388	...

(x) Includes Turner Valley naphtha used for blending purposes but does not include imported casinghead gasoline used by refineries.



(b) - LUBRICATING OILS AND GREASES

The 7 firms which reported as compounding oils and greases were located as follows: 3 in Quebec, 2 in Ontario, 1 in Manitoba and 1 in British Columbia. Capital invested in these plants amounted to \$387,834, the average number of employees was 58, the cost of materials was \$207,916 and the value of goods made was \$537,433 including \$242,196 for lubricating oils.

Table 10 - CAPITAL EMPLOYED IN THE LUBRICATING OILS AND GREASES INDUSTRY, 1931 and 1932.

Provinces	Value of lands, buildings, machinery and equipment	Inventory value of materials on hand and in process	Inventory value of finished products on hand	Operating capital (cash, bills receivable, etc.)	TOTAL
	\$	\$	\$	\$	\$
<u>1931</u>					
Quebec .....	130,921	18,758	11,723	70,392	231,794
Other provinces ..	381,492	72,369	79,957	82,113	615,931
CANADA .....	512,413	91,127	91,680	152,505	847,725
<u>1932</u>					
Quebec .....	112,696	12,623	7,000	26,033	158,352
Other provinces ..	275,138	52,093	65,329	42,572	435,132
CANADA .....	387,834	64,716	72,329	68,605	593,484

Table 11 - EMPLOYEES, SALARIES AND WAGES, 1931 and 1932.

Provinces	Average number of employees				Salaries and Wages			
	On salaries		On wages		TOTAL	Salaries	Wages	TOTAL
	Male	Female	Male	Female				
<u>1931</u>								
Quebec .....	9	2	14	.	25	19,825	18,304	38,129
Other provinces ..	11	3	24	1	39	29,180	37,368	66,548
CANADA .....	20	5	38	1	64	49,005	55,672	104,677
<u>1932</u>								
Quebec .....	6	4	16	..	26	16,304	21,445	37,749
Other provinces ..	5	3	24	..	32	14,009	31,112	45,121
CANADA .....	11	7	40	..	58	30,313	52,557	82,870

Table 12 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1932.

Months	Quebec	Other Provinces	CANADA
January .....	10	23	33
February .....	11	23	34
March .....	14	25	39
April .....	17	25	42
May .....	18	26	44
June .....	18	26	44
July .....	18	26	44
August .....	18	28	46
September .....	18	26	44
October .....	16	22	38
November .....	16	21	37
December .....	13	20	33
AVERAGE .....	16	24	40

Table 13 - FUEL AND ELECTRICITY USED, 1931 and 1932.

Kinds	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Coal, anthracite .....	short ton	79	1,039	49	626
Coal, bituminous	Canadian .....	26	315	20	150
	Foreign .....	127	785	133	837
Fuel oil .....	Imp. gal.	91,175	2,509	104,665	2,890
Wood .....	cord	22	168	12	114
Gas, manufactured .....	M cu. ft.	160	98	100	84
Electric power purchased .....	K.W.H.	95,586	2,567	88,342	2,302
<b>TOTAL</b> .....	--	...	7,481	...	7,003

Table 14 - POWER EMPLOYED, 1931 and 1932.

	1 9 3 1		1 9 3 2	
	Number of units	Total horse power	Number of units	Total horse power
Steam engines and turbines .....	3	58	4	66
Total Primary Power .....	3	58	4	66
Electric motors run by purchased power .....	7	68	7	43
<b>Total Power Employed</b> .....	10	126	11	109
Boilers .....	7	322	7	318

Table 15 - MATERIALS USED, 1931 and 1932.

Materials	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Oils - Animal .....	gal.	2,638	2,885	400	280
Linseed, raw .....	gal.	9,500	6,375	15,650	7,080
Mineral .....	gal.	1,086,138	168,741	458,656	123,792
Tallow and grease .....	lb.	273,191	19,505	238,167	14,018
All other materials .....	"	...	45,237	...	47,625
Shipping containers .....	"	...	21,576	...	15,121
<b>TOTAL</b> .....	--	...	264,319	...	207,016

Table 16 - PRODUCTS MADE, 1931 and 1932.

Products	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Selling value at plant	Quantity	Selling value at plant
		\$		\$	
Greases, lubricating .....	lb.	537,655	56,547	260,853	34,811
Oils, lubricating .....	gal.	749,333	477,151	462,888	242,196
Soaps and soap powders .....	lb.	308,690	27,283	290,955	29,092
All other products .....	"	...	9,258	...	37,334
<b>TOTAL</b> .....	"	...	570,219	...	337,433



Table 17 - IMPORTS INTO CANADA AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1932

	Quantity	Value
		\$
<u>IMPORTS</u>		
<u>Asphalt and Its Products</u>		
Asphaltum or asphalt, solid .....	cwt. 250,649	193,912
Asphalt, not solid .....	- ...	10,709
Asphaltum oil for paving purposes .....	- ...	8,887
<u>Crude Petroleum, Fuel and Gas Oils</u>		
Crude petroleum in the natural state, 0.7900 specific gravity or heavier at 60 degrees temperature, when imported by oil refiners to be refined in their own factories ...	gal. 889,838,742	26,310,278
Crude petroleum, gas oils other than naphtha, benzine and gasoline lighter than 0.8235 but not less than 0.775 specific gravity at 60 degrees .....	gal. 306,975	13,837
Petroleum (not including crude petroleum imported to be refined or illuminating or lubricating oils) 0.8235 specific gravity or heavier at 60 degrees temperature (fuel oil). gal.	57,292,849	2,062,912
Petroleum, and other oils imported by miners or mining companies or concerns, for use in the concentration of ores of metals in their own concentrating establishments gal.	116,987	58,400
Petroleum, crude, not in its natural state, 0.7250 specific gravity or heavier at 60 degrees temperature when imported by oil refiners to be refined in their own factories .....	gal. 20,061,147	1,021,485
Fuel oil, ex-warehoused for ships' stores .....	gal. 32,008,998	857,490
<u>Kerosene and Illuminating Oils</u>		
Coal oil and kerosene, lighter than .8235 specific gravity at 60 degrees temperature, n.o.p. ....	gal. 1,670,205	126,768
Illuminating oils, composed wholly or in part of the products of petroleum, coal, shale or lignite, costing more than 30 cents per gallon .....	gal. 2,117	830
Engine distillate lighter than .8235 specific gravity at 60 degrees temperature .....	gal. 63,842	6,843
<u>Lubricating Oils</u>		
Lubricating oils, composed wholly or in part of petroleum and costing less than 25 cents per gallon .....	gal. 7,849,532	1,460,204
Lubricating oils, n.o.p. ....	gal. 3,753,387	1,567,818
<u>Gasoline and Other Oils</u>		
Gasoline, lighter than .8325 specific gravity at 60 degrees temperature .....	gal. 74,859,806	7,503,705
Gasoline, natural casinghead, compression or absorption, lighter than .6690 specific gravity at 60 degrees temperature, when imported by distillers of petroleum for blending with other gasolines distilled in Canada .....	gal. 26,693,969	1,530,657
All other oils, n.o.p. ....	gal. 229,589	80,093
<u>Other Products of Petroleum</u>		
Crease, axle .....	lb. 3,148,868	169,484
Paraffine wax .....	lb. 1,619,905	53,508
Paraffine wax candles .....	lb. 309,486	58,204



PAGE 9 - TABLE 18

For 1932 - Read 930,114,055 instead of 851,506,213.



Table 17 - IMPORTS INTO CANADA AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1932 - concluded.

	Quantity	Value
		\$
<b>IMPORTS - concluded</b>		
<b>Other Products of Petroleum - concluded</b>		
Vaseline, and all similar preparations of petroleum for toilet, medicinal and other purposes .....	— ...	200,084
Petroleum, products of, n.o.p. ....	gal. 1,884,315	176,702
<b>TOTAL IMPORTS</b> .....	— ...	43,472,870
<b>EXPORTS -</b>		
Oil, petroleum (fuel oil) .....	gal. 7,297,332	244,613
Oil, coal and kerosene, refined .....	gal. 884,623	116,897
Oil, gasoline and naphtha .....	gal. 4,209,436	585,790
Oil, mineral, n.o.p. ....	gal. 7,922,816	276,015
Wax, mineral .....	cwt. 23,855	66,144
<b>TOTAL EXPORTS</b> .....	— ...	1,289,459
<b>RE-EXPORTS -</b>		
Kerosene .....	gal. 1,150	167
Gasoline .....	gal. 4,916	875
Mineral oil, n.o.p. ....	gal. 117,079	16,551
Mineral wax, n.o.p. ....	cwt. 4	19
<b>TOTAL RE-EXPORTS</b> .....	— ...	17,612

Table 18 - CONSUMPTION OF CRUDE OIL IN PETROLEUM REFINERIES IN CANADA, 1918-1932.

Years	Crude oil used Imp. gal.	Years	Crude oil used Imp. gal.
1918 .....	261,742,274	1926 .....	585,466,320
1919 .....	301,006,553	1927 .....	716,369,890
1920 .....	295,576,527	1928 .....	849,933,770
1921 .....	373,469,418	1929 .....	1,072,828,496
1922 .....	394,139,055	1930 .....	1,064,434,974
1923 .....	408,810,739	1931 .....	1,074,788,038
1924 .....	467,144,634	1932 .....	<del>851,506,213</del>
1925 .....	445,115,694		930,114,055

Table 19 - PRODUCTION OF GASOLINE IN CANADA, 1926 - 1932.

Years	Straight run Imp. gal.	By cracking Imp. gal.	TOTAL Imp. gal.	Per cent of total made by cracking Imp. gal.
1926 .....	152,307,473	69,839,231	222,146,704	51
1927 .....	184,818,378	73,731,346	258,549,724	29
1928 .....	226,954,319	117,175,542	344,129,861	34
1929 .....	303,973,918	132,646,896	436,620,814	30
1930 .....	276,254,656	169,314,761	445,569,417	32
1931 .....	278,215,832	191,632,592	469,848,424	41
1932 .....	207,823,273	192,119,405	399,942,678	48



Table 20 -- GROSS SALES OF GASOLINE IN CANADA BY PROVINCES, 1929-1932, AS REPORTED UNDER THE PROVINCIAL GASOLINE TAX ACTS.

Provinces	1929	1930	1931	1932
	Imp. gal.	Imp. gal.	Imp. gal.	Imp. gal.
Prince Edward Island .....	2,478,181	2,817,052	3,021,691	2,692,353
Nova Scotia .....	17,284,990	19,367,349	21,189,937	19,090,111
New Brunswick .....	10,469,682	16,195,481	16,029,143	13,879,833
Quebec .....	77,054,230	88,849,323	97,608,511	91,128,040
Ontario .....	292,191,523	243,267,123	249,543,831	236,688,727
Manitoba .....	54,765,203	36,353,462	30,307,724	25,569,331
Saskatchewan .....	78,456,744	76,630,024	49,449,699	33,635,929
Alberta .....	50,208,495	51,676,343	43,478,465	41,300,236
British Columbia .....	38,516,179	47,182,784	45,369,473	39,458,159
CANADA .....	601,225,227	582,338,941	555,998,474	503,443,269

Table 21 -- GROSS SALES OF GASOLINE IN CANADA, BY MONTHS, 1930-1932, AS REPORTED UNDER THE PROVINCIAL GASOLINE TAX ACTS.

Months	1930	1931	1932
	Imp. gal.	Imp. gal.	Imp. gal.
January .....	20,937,034	27,726,545	25,353,774
February .....	21,190,874	25,849,559	26,872,617
March .....	28,922,603	26,077,559	26,912,839
April .....	42,086,848	39,306,489	35,358,275
May .....	58,016,900	56,393,222	47,307,341
June .....	63,101,021	55,676,028	51,253,240
July .....	69,931,889	66,946,285	51,551,412
August .....	71,407,412	63,579,808	61,561,065
September .....	70,584,345	61,469,441	63,477,485
October .....	53,619,746	54,936,423	45,912,852
November .....	50,194,450	44,501,272	38,208,066
December .....	32,345,819	33,535,843	29,674,303
TOTAL .....	582,338,941	555,998,474	503,443,269

Table 22 -- GROSS SALES OF GASOLINE IN CANADA, BY MONTHS AND BY PROVINCES, 1932, AS REPORTED UNDER THE PROVINCIAL GASOLINE TAX ACTS.  
(In thousands of gallons)

Month	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Sas-kat-chewan	Alberta	British Columbia	TOTAL
Jan.	36	845	405	4,542	12,864	1,260	1,088	1,801	2,513	25,354
Feb.	26	607	386	4,249	15,449	1,081	781	1,925	2,369	26,873
March	39	901	533	4,236	14,243	1,376	1,010	1,664	2,911	26,913
April	96	896	484	5,797	17,426	2,059	2,346	2,883	3,371	35,358
May	318	2,047	1,384	8,847	21,793	2,411	3,181	3,849	3,477	47,307
June	356	2,127	1,639	9,914	23,614	2,597	3,148	4,101	3,757	51,253
July	357	2,275	1,800	10,591	22,037	2,915	3,451	4,008	4,117	51,551
August	408	2,481	2,008	11,400	28,434	3,581	4,341	4,842	4,266	61,561
Sept.	339	2,102	1,765	10,340	30,322	3,435	5,678	5,693	3,806	63,478
Oct.	300	1,887	1,507	9,077	17,227	2,478	4,786	5,266	3,385	45,913
Nov.	268	1,678	1,183	7,040	18,457	1,440	2,395	2,934	2,813	38,208
Dec.	149	1,244	786	5,095	14,823	1,139	1,431	2,334	2,673	29,674
TOTAL	2,692	19,090	13,880	91,128	236,689	25,570	33,636	41,300	39,458	503,443

Table 23 - CONSUMPTION OF GASOLINE BY MOTOR VEHICLES, AND REVENUES FROM GASOLINE TAX, 1930 and 1931.

Provinces	1 9 3 0		1 9 3 1	
	Gasoline used by motor vehicles	Revenue from gasoline tax	Gasoline used by motor vehicles	Revenue from gasoline tax
	Imp. gal.	\$	Imp. gal.	\$
Prince Edward Island .....	2,495,112	128,366	2,614,970	112,867
Nova Scotia .....	17,497,793	851,725	18,176,943	878,082
New Brunswick .....	21,648,316	659,797	13,816,672	696,481
Quebec .....	83,466,961	4,075,368	91,816,749	4,405,160
Ontario .....	219,069,450	10,756,836	225,320,078	10,810,914
Manitoba .....	24,512,667	1,099,778	22,142,728	1,094,700
Saskatchewan .....	31,248,449	1,538,556	26,479,689	1,310,147
Alberta .....	36,721,728	1,939,048	24,746,025	1,472,068
British Columbia .....	30,773,217	1,605,751	36,052,087	1,765,700
CANADA .....	467,433,693	22,655,225	461,165,941	22,546,119

NOTE - 1932 DATA NOT YET AVAILABLE.

Table 24 - DATES WHEN GASOLINE ACTS BECAME EFFECTIVE AND RATES OF TAX.

Provinces	Dates gasoline rates became effective	Rates per gallon
Prince Edward Island .....	May 1, 1924	2 cents
	March 31, 1926	3 cents
	May 1, 1928	5 cents
	May 2, 1932	6 cents
Nova Scotia .....	March 15, 1926	3 cents
	March 11, 1927	5 cents
	April 1, 1932	6 cents
New Brunswick .....	April 30, 1926	3 cents
	December 1, 1928	5 cents
	April 1, 1932	7 cents
Quebec .....	April 1, 1924	2 cents
	April 1, 1925	3 cents
	April 1, 1928	5 cents
	December 17, 1931	6 cents
Ontario .....	April 14, 1925	3 cents
	May 27, 1929	5 cents
	March 25, 1932	6 cents
Manitoba .....	April 27, 1923	1 cent
	March 5, 1925	3 cents
	April 14, 1930	5 cents
	May 7, 1932	7 cents (refund 5c)
Saskatchewan .....	May 1, 1928	3 cents
	March 27, 1930	5 cents
	May 1, 1932	6 cents
Alberta .....	April 30, 1922	2 cents
	June 1, 1929	5 cents (refund 4c)
British Columbia .....	December 21, 1923	3 cents
	March 25, 1930	5 cents
	April 18, 1932	7 cents

P.E.I. - 6 cents June 1 to September 1, 1931.



Table 25 - PRODUCTION, IMPORTS, EXPORTS AND APPARENT CONSUMPTION(x) OF FUEL OIL, GASOLINE, KEROSENE AND LUBRICATING OILS, 1920-1930.

	Production	Imports	Exports	Re-exports	Apparent Consumption
	Imp. gal.	Imp. gal.	Imp. gal.	Imp. gal.	Imp. gal.
<b>GASOLINE -</b>					
1920 .....	86,193,664	8,515,545	160,433	214,634	94,334,133
1921 .....	119,887,613	40,264,707	762,080	10,492	159,379,748
1922 .....	143,959,893	42,112,248	1,976,244	27,620	184,068,277
1923 .....	124,156,380	49,950,660	1,217,298	...	172,889,742
1924 .....	160,045,739	73,757,441	1,403,716	75,223	232,324,241
1925 .....	164,670,072	83,927,751	1,568,855	42,594	246,936,374
1926 .....	222,146,704	82,839,688	3,867,536	169,476	300,940,380
1927 .....	258,549,724	108,168,328	2,463,379	327,293	368,927,380
1928 .....	344,129,861	143,653,116	3,957,557	26,587	483,798,833
1929 .....	436,620,614	175,151,570	4,669,078	168,438	606,034,668
1930 .....	445,599,417	163,446,548	7,256,557	52,752	601,736,656
<b>FUEL AND GAS OILS -</b>					
1920 .....	96,462,792	122,929,391	2,684,427	...	216,707,656
1921 .....	129,716,045	61,596,671	5,384,751	...	185,729,965
1922 .....	106,975,976	72,805,012	7,036,627	...	172,744,361
1923 .....	139,682,570	108,982,780	2,384,899	...	246,280,451
1924 .....	177,123,232	94,244,271	18,263,236	...	253,104,267
1925 .....	172,367,242	107,849,209	7,375,163	...	272,861,283
1926 .....	228,474,212	91,638,340	21,043,155	...	299,069,417
1927 .....	286,525,733	119,612,088	18,793,254	...	387,344,567
1928 .....	361,391,850	95,467,100	21,531,929	...	435,327,021
1929 .....	448,699,760	95,749,518	28,177,495	...	516,271,783
1930 .....	434,564,279	97,832,740	19,259,585	...	513,137,434
<b>LUBRICATING OILS -</b>					
1920 .....	25,099,798	4,464,294	...	...	29,564,092
1921 .....	24,246,320	5,040,456	...	...	29,286,776
1922 .....	18,051,600	7,110,054	...	...	25,161,654
1923 .....	17,121,896	8,196,682	...	...	25,318,579
1924 .....	15,479,465	8,494,423	...	...	23,975,888
1925 .....	15,789,852	8,445,738	...	...	24,235,590
1926 .....	17,922,853	10,259,878	...	...	28,182,731
1927 .....	19,591,297	11,873,647	...	...	31,464,944
1928 .....	20,293,396	15,487,945	...	...	35,781,341
1929 .....	24,447,243	17,404,194	...	...	41,851,437
1930 .....	18,084,890	16,309,806	...	...	34,394,696
<b>KEROSENE -</b>					
1920 .....	54,153,355	14,971,309	1,243,355	...	67,823,829
1921 .....	59,082,790	10,544,231	1,486,422	...	68,160,649
1922 .....	76,521,560	3,673,234	1,471,947	...	78,722,847
1923 .....	67,396,674	4,127,146	1,450,051	...	70,073,769
1924 .....	61,308,467	5,431,393	1,525,427	...	65,214,433
1925 .....	45,026,459	5,256,661	1,508,686	...	48,774,434
1926 .....	58,502,190	4,842,452	1,584,645	...	61,759,997
1927 .....	54,316,079	4,028,966	1,759,838	...	57,535,207
1928 .....	55,981,919	3,964,692	1,297,081	...	58,649,530
1929 .....	49,362,381	4,523,347	1,367,241	...	52,516,909
1930 .....	43,606,881	4,987,091	1,460,676	3,262	47,130,034

x) No allowance made for increases or decreases in refinery stocks.



Table 26 - APPARENT CONSUMPTION IN CANADA OF GASOLINE, FUEL OIL, KEROSENE AND LUBRICATING OILS, 1931 and 1932.

	Fuel and gas oils Imp. gal.	Gasoline Imp. gal.	Lubricating oils Imp. gal.	Kerosene Imp. gal.
<u>1931</u>				
Production of refineries .....	428,753,431	469,925,275	15,961,224	39,465,559
Plus imports (x) .....	89,528,171	116,712,705	13,800,995	3,493,849
	518,281,602	586,637,980	29,762,219	42,959,408
Less exports and re-exports .....	16,277,182	5,519,225	...	505,606
	502,004,420	581,118,755	29,762,219	42,453,802
Plus decline in refinery stocks .....	...	...	...	4,089,825
	502,002,420	581,118,755	29,762,219	46,543,627
Less increase in refinery stocks .....	13,633,340	15,852,709	491,882	...
APPARENT CONSUMPTION .....	488,371,080	565,266,046	29,270,337	46,543,627
Stocks at refineries, December 31, 1931.	61,941,557	71,486,846	3,818,813	6,867,025

<u>1932</u>				
Production of refineries .....	366,273,887	399,942,678	15,606,791	52,525,057
Plus imports (x) .....	89,608,822	101,553,775	11,602,919	1,670,205
	455,882,709	501,496,453	27,209,710	54,195,262
Less exports and re-exports .....	7,297,332	4,214,352	...	888,773
	448,585,377	497,282,101	27,209,710	53,306,489
Plus decline in refinery stocks .....	11,780,779	7,949,752	...	1,228,096
	460,366,156	505,231,853	27,209,710	54,534,585
Less increase in refinery stocks .....	...	...	1,080,724	...
APPARENT CONSUMPTION .....	460,366,156	505,231,853	26,128,986	54,534,585
Stocks at refineries, December 31, 1932.	50,160,778	63,537,094	4,899,537	5,638,929

(x) 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 should really be omitted when compiling figures of Canadian consumption. In 1931, the amount under this item was 35,900,828 gallons and in 1932 it was 32,008,998 gallons.

D I R E C T O R Y

(a) PETROLEUM REFINERIES, 1932.

	Capacity in barrels of crude oil per day
<u>NOVA SCOTIA</u>	
Imperial Oil Refineries Limited, Imperoyal	12,000
<u>NEW BRUNSWICK</u>	
New Brunswick Gas & Oilfields, Ltd., Weldon	100
<u>QUEBEC</u>	
Imperial Oil Refineries Limited, Montreal East	30,000
La Salle Petroleum Refinery Limited, Montreal East	2,000
McCull-Fontenac Oil Company, Limited, Montreal East	5,000
British American Oil Refineries Limited, Montreal East	6,000

## D I R E C T O R Y - continued

(a) PETROLEUM REFINERIES, 1932. continued.

<u>ONTARIO</u> -	<u>Capacity in barrels of crude oil per day</u>
British American Oil Refineries Limited, Toronto	5,000
Canadian Oil Refineries Limited, Petrolia	1,400
Imperial Oil Refineries Limited, Sarnia	25,000
McCull-Fontenac Oil Company, Limited, Toronto	5,000
 <u>MANITOBA</u> -	
Blue Ribbon Oil Refinery Company Limited, Winnipeg (refining waste oil)	
North Star Oil Limited, St. Boniface	700
Radio Oil Refineries Ltd., East Kildonan	1,200
 <u>SASKATCHEWAN</u> -	
Imperial Oil Refineries Limited, Regina	7,000
Hi-Way Refineries Limited, Regina	150
Sterling Oil Refineries Limited, Moose Jaw	750
 <u>ALBERTA</u> -	
Imperial Oil Refineries Limited, Calgary	6,000
Bell Refining Company, Limited, Calgary	750
Maple Leaf Petroleum Limited, Coumts	4,000
Regal Oil & Refining Co. Ltd., Calgary	3,000
Northwest Stellarene Company, Inc., Coumts	2,500
J. W. Fraser Refining Company, Wainwright	300
 <u>BRITISH COLUMBIA</u> -	
Imperial Oil Refineries Limited, Ioco	15,000
Vancouver Oil Company Limited, Vancouver	1,000
 <u>NOTE</u> - Statistics for the above refineries have been included in this preliminary report. In addition, the following small refineries were reported to be in operation in 1932 but returns have not been received at time of publication:-	
Scarboro Refineries Limited, Toronto, Ontario	(200 barrels)
Sava Oil Refineries Limited, Windsor, Ontario	(60 barrels)
Saskatoon Hi-Way Refineries Ltd., Saskatoon, Sask.	(300 barrels)
Farmers' Oil Company, Wainwright, Alberta	(200 barrels)
Karels Oil Refinery, Regina, Sask.	(150 barrels)
 The following companies are reported to be constructing or intending to construct refineries in Canada:-	
Shell Oil Company of Canada, Limited, Montreal, P.Q.	(6,000 barrels)
Shell Oil Company of Canada, Limited, Vancouver, B.C.	(4,000 barrels)
Simrall Refining Corp. of Canada, Ltd., Amherstburg, Ont.	(2,000 barrels)
Lloyd Refining Company, Port Credit, Ont.	(2,000 barrels)
Seaboard Oil and Refining Company Limited, Vancouver, B.C.	
Hi-Way Refineries Limited, Rosethorn, Alberta	(300 barrels)

DIRECTORY (concluded)

(b) LUBRICATING OILS AND GREASES, 1932.

QUEBEC -

Atlas Manufacturing Company	Montreal
Economic Products Limited	Outremont
Union Products	Montreal

ONTARIO -

Campbell Grease Company	Toronto
Ontario Lubricating Company Limited	Hamilton

MANITOBA -

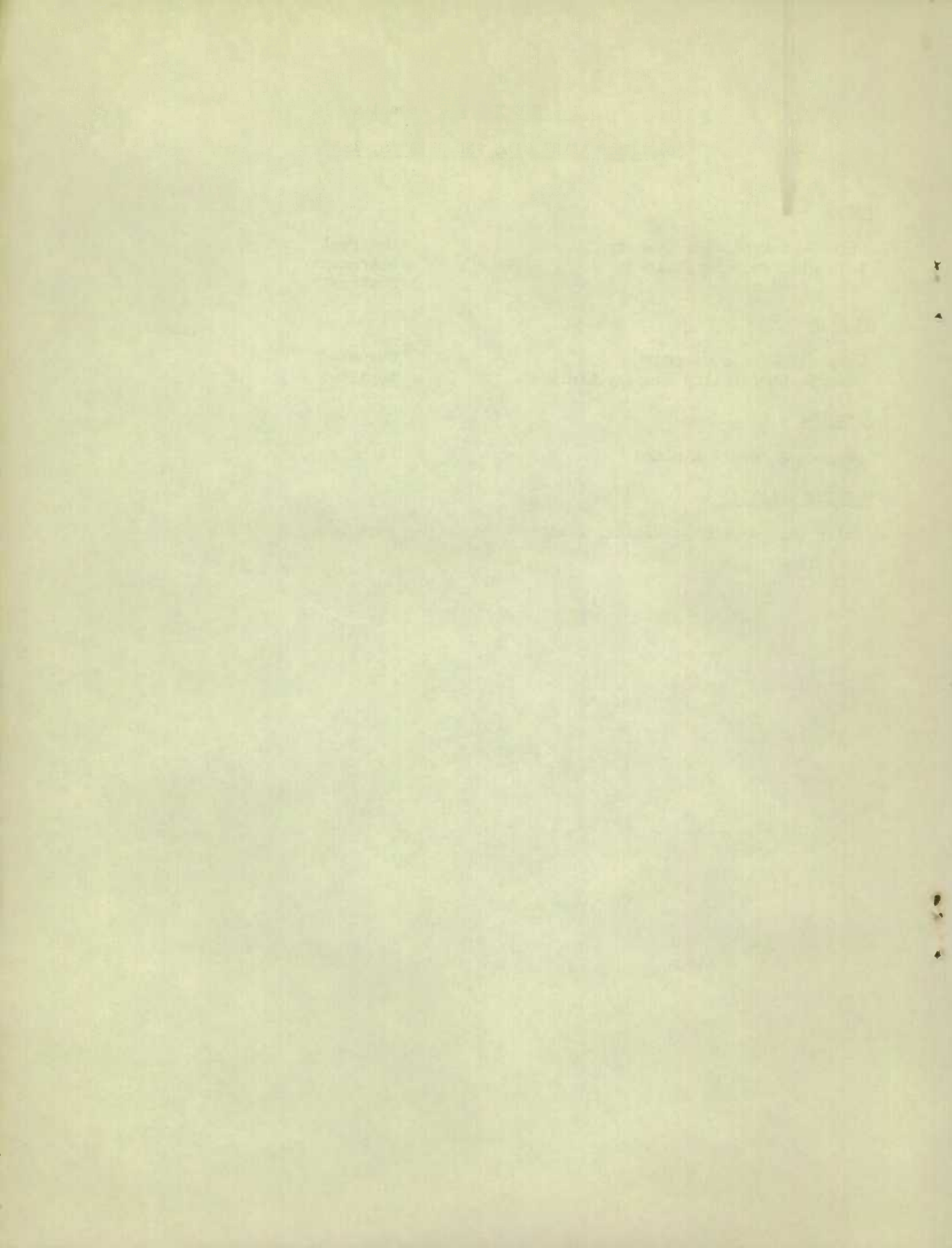
McManus & Howard Limited	Winnipeg
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BRITISH COLUMBIA -

Union Oil Company of Canada, Limited	Port Moody
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