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## PIPE LINES (OIL) STATISTICS

APRIL, 1953

Average oil pipe line deliveries during April advanced to a record net total of 369,900 per day, up 18,116 barrels or 5.1 p.c. from the 351,784 daily in March and an impressive 56.4 p.c. or 133,363 barrels greater than the 236,537 per day delivered in April of 1952.

Total net deliveries for the month at 11,097,010 barrels were 191,704 above the March movement and 4,000,912 barrels higher than net deliveries made in the preceding April. Increased net deliveries over those of April, 1952 occurred in all provinces except Alberta. Comparison of provincial totals in the two periods follows (1952 data in brackets): Alberta 724,771 barrels (1,333,909); Saskatchewan 1,134,714 (719,409); Manitoba 3,026,927 (1,356,085); Ontario 2,177,016 (98,386) and Quebec 4,033,582 barrels (3,588,309). Manitoba totals include 2,502,513 barrels (1,045,544) transferred to Lakehead Pipe Line Co. at Gretna and 524,414 (310,541) delivered within the province. Alberta deliveries were down considerably due mainly to a large drop in pipe line deliveries to Edmonton refineries.

Net receipts of oil for shipment by pipe line in Canada during April included 4,936,825 barrels of Alberta crude, 38,752 of Alberta natural gasoline, 30,261 of Manitoba crude, 4,005,402 of imported crude and 2,179,251 barrels of refinery products.

During the first four months of 1953 a total of 42,899,259 barrels of oil were delivered out of Canadian pipe lines. This was 55.4 p.c. above the 27,597,724 barrels delivered in the like period of 1952. Four month totals by provinces were (1952 data in brackets): Alberta 4,958,236 barrels (4,679,533); Saskatchewan 4,367,382 (3,036,534); Manitoba 8,554,588 (5,221,253); Ontario 7,580,727 (\*98,386) and Quebec 17,438,326 barrels (14,562,018). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Co. at the United States border were 6,602,022 barrels (3,349,080). This oil, included in Manitoba totals, was destined principally for Ontario refineries after trans-shipment by lake tanker from Superior, Wisconsin.

A daily average of 134,956 barrels was handled by gathering systems in April, up 17,234 from the March average of 117,722 barrels and 25,444 from the 109,512 barrels per day in April, 1952. Trunk line deliveries in April were a daily 423,885 barrels compared with 273,098 per day one year earlier. Traffic on trunk lines, as measured by barrel miles performed, was more than doubled at 3,857 million in April against 1,732 million in April, 1952. Average haul increased from 208.8 miles per barrel in April, 1952 to 303.3 miles per barrel in the month under review. The greater length of haul was occasioned by larger deliveries at Superior resulting from the earlier opening of navigation and by the 308 mile average distance that oil moved through lines of the Trans-Northern Pipe Line Company.

Employment data for those carriers reporting reveal that 896 persons earned \$308,246 in April of this year. These figures represented increases of 43.6 p.c. and 44.3 p.c. respectively over the 624 employees who earned \$213,666 in the same month of 1952. New companies in pipe line service brought much of the above increase.

April deliveries by the Interprovincial Pipe Line Co. amounted to 4,201,010 barrels or an average 140,034 barrels per day. The Imperial Pipe Line Co. delivered a daily 109,621 barrels from its gathering system. The Interprovincial pipe line performed a traffic haul of 2.9 billion barrel miles during the month. Lines of the Canadian Gulf Oil Co. were integrated into the system of the Canadian Gulf Pipe Line Co. in April.

\* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first four months of 1953, per table 6 .....	60,111,696
Received into Trunk Lines from Other Canadian Pipe Lines .....	16,753,189
"Net Received" into Canadian Pipe Line Systems .....	43,358,507
"Net Received" into trunk Systems per table 1 .....	28,183,399
"Net Received" into Gathering Systems per table 2 .....	15,175,108
 Total Delivered out of Systems - all companies -	
during first four months of 1953, per table 6 .....	59,896,984
Delivered to other Canadian Pipe Lines .....	16,997,725
"Net Delivered" from Canadian Pipe Line Systems .....	42,899,259
"Net Delivered" from Trunk Systems per table 1 .....	39,587,153
"Net Delivered" from Gathering Systems per table 2 .....	3,312,106

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the four month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953 .....	2,999,353	
Total Carriers Balances - January 1, 1953 .....	173,577	3,172,930
Received into Gathering Systems January 1 to April 30, 1953 .....	15,175,108	
Received into Trunk Systems January 1 to April 30, 1953 .....	46,399,752	61,574,860
Total oil accountable for Period .....		64,747,790
Delivered from Gathering Systems January 1 to April 30, 1953 .....	15,101,480	
Delivered from Trunk Systems January 1 to April 30, 1953 .....	46,258,668	61,360,148
Balance to be accounted for at April 30, 1953 .....		3,387,642
Oil consumed as fuel and losses .....		73,685
Balance on hand - April 30, 1953 .....		3,313,957
Total Shippers Balances - April 30, 1953 .....	3,109,719	
Total Carriers Balances - April 30, 1953 .....	204,238	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co.	Sun Pipe Line Co.
	Crude Petroleum	Fuel and Other Refined Oil
	Barrels	Barrels
April, 1952	827,151	67,389
March, 1953	1,117,561	46,552
April, 1953	979,252	52,693
Year to Date 1953 (4 months)	4,230,579	200,511



TABLE 1

OIL<sup>+</sup> CARRIED BY PIPE LINES - TRUNK

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	12,522,575	11,777,667	8,455,308	46,399,752
Less: Received from other Canadian pipe lines -				
2.     Own gathering system	498,232	368,572	1,666,101	1,463,164
3.     Other pipe lines - Gathering	1,752,885	1,479,423	1,509,521	6,425,275
4.                     Trunk	3,170,803	2,570,147	1,295,611	10,327,914
5. <u>Net Received (6+7+8)</u>	7,100,655	7,359,525	3,984,075	28,183,399
6.     Originating on own trunk lines	3,064,992	2,921,010	231,108	10,567,502
7.     Received from foreign pipe line connections	4,005,402	4,400,717	3,665,331	17,466,830
8.     Received from other carriers (rail & truck)	30,261	37,798	87,636	149,067
9. <u>Total Delivered * (10+11)</u>	12,716,555	11,672,062	8,291,291	46,258,668
10. Less: Delivered to other Canadian trunk lines	2,040,003	1,609,175	1,308,836	6,671,515
11. <u>Net Delivered (12+13+14)</u>	10,676,552	10,062,887	6,982,455	39,587,153
12.     Terminated on own trunk lines	8,174,039	8,436,458	5,936,911	32,985,131
13.     Delivered to foreign pipe line connections	2,502,513	1,626,429	1,045,544	6,602,022
14.     Delivered to other carriers (rail & truck)	-	-	-	-

\* Includes duplications.

+ Includes products and natural gasoline.

OIL<sup>+</sup> CARRIED BY PIPE LINES - GATHERING

TABLE 2

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	4,089,836	3,642,213	3,301,203	15,175,108
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	4,089,836	3,642,213	3,301,203	15,175,108
18.     Originating on own gathering system	4,020,519	3,538,576	3,298,614	14,784,024
19.     Received from other carriers (rail & truck)	69,317	103,637	2,589	391,084
20. <u>Total Delivered * (21+22+23)</u>	4,048,680	3,649,392	3,285,364	15,101,480
Less: Delivered to other pipe lines -				
21.     Own Trunk system	498,232	368,572	1,666,101	1,463,164
22.     Other pipe lines	3,129,990	2,438,401	1,505,620	10,326,210
23. <u>Net Delivered (24+25)</u>	420,458	842,419	113,643	3,312,106
24.     Terminated on gathering systems	358,945	743,984	33,317	2,717,522
25.     Delivered to other carriers (rail & truck)	61,513	98,435	80,326	594,584

\* Includes duplications.

+ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,089,836	3,642,213	3,301,203	15,175,108
- Trunk	885,741	740,764	177,027	2,995,260
Manitoba - Trunk	30,261	37,798	-	149,067
Ontario (2) - Trunk	1,154,496	1,182,014	141,717	4,366,878
Quebec (3) - Trunk	5,030,157	5,398,949	3,665,331	20,672,194
Net Received - Trunk	7,100,655	7,359,525	3,984,075	28,183,399
Total	11,190,491	11,001,738	7,285,278	43,358,507

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED  
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	420,458	842,419	113,643	3,312,106
- Trunk	304,313	473,077	1,220,266	1,646,130
Saskatchewan - Trunk	1,134,714	938,854	719,409	4,367,382
Manitoba + - Trunk	3,026,927	2,113,005	1,356,085	8,554,588
Ontario (2) - Trunk	2,177,016	2,187,284	98,386	7,580,727
Quebec - Trunk	4,033,582	4,350,667	3,588,309	17,438,326
Net Delivered - Trunk	10,676,552	10,062,887	6,982,455	39,587,153
Total	11,097,010	10,905,306	7,096,098	42,899,259
+ Including deliveries to U.S. pipe lines at Gretna, Man.	2,502,513	1,626,429	1,045,544	6,602,022

TABLE 5

OPERATING STATISTICS

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems	Barrels	134,956	117,722	109,512
Trunk Lines	"	423,885	376,518	273,098
Total Barrel Miles (Trunk Lines)	Millions	3,857	2,917	1,732
Average Miles per Barrel (Trunk Lines)	Miles	303.3	249.9	208.8
Employees and Earnings (6)				
Average Number (4)	No.	896	875	624
Total Salaries and Wages	\$	308,246	341,447	213,666
Man Hours Worked by Wage Earners (5)(6)	Hours	49,525	51,000	36,783

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<b>TRAFFIC</b> $\phi$					
<u>Barrels</u>					
<u>Total Received into System</u>					
This month (April, 1953)	3,033,583	4,007,937	4,005,402	(2) 5,067,257	16,114,179
This year (4 months)	11,994,359	13,234,378	17,466,830	(3) 17,416,129	60,111,696
<u>Total Delivered out of System</u>					
This month (April, 1953)	3,288,641	4,201,010	4,033,582	(4) 4,743,770	16,267,003
This year (4 months)	12,405,808	13,197,305	17,438,326	(5) 16,855,545	59,896,984
<b>OPERATING STATISTICS</b>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (April, 1953)	109,621	-	-	25,335	134,956
This year (4 months)	103,382	-	-	22,464	125,846
<u>Trunk Lines</u>					
This month (April, 1953)	-	140,034	134,453	149,398	423,885
This year (4 months)	-	109,978	145,319	130,192	385,489
<u>Total Barrel Miles</u>					
<u>(Trunk Lines - in millions)</u>					
This month (April, 1953)	-	2,910	297	650	3,857
This year (4 months)	-	8,557	1,283	2,129	11,969
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (April, 1953)	-	693.0	73.7	145.0	303.3
This year (4 months)	-	648.0	73.6	136.3	258.7

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<b>OPERATING REVENUES</b>					
Three months ending March 31, 1953	723,488	2,682,266	<u>Dollars</u> 444,475	1,293,049	5,143,278
<b>EMPLOYEES AND EARNINGS</b>					
Number of employees (April, 1953)	221	336	<u>Number</u> 42	297	896
<u>Salaried and Wages</u>					
This month (April, 1953)	71,735	127,183	<u>Dollars</u> 13,949	95,379	308,246
This year (4 months)	285,168	487,915	54,320	433,574	1,260,977
<u>Man Hours Worked by Wage Earners</u>					
This month (April, 1953)	27,115	1,686	<u>Hours</u> 530	20,194	49,525
This year (4 months)	108,542	4,460	1,539	78,817	193,358

- (1) Anglo-Canadian Oils Limited  
 B.A. Alberta Pipe Line Limited  
 B.A. Saskatchewan Pipe Line Limited  
 Canadian Gulf Pipe Line Company  
 Edmonton Pipe Line Co. Limited  
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division  
 Saskatoon Pipe Line Company  
 Texaco Exploration Company  
 Trans-Northern Pipe Line Company  
 Valley Pipe Line Company Limited  
 Winnipeg Pipe Line Company Limited

$\phi$  Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited  
 B.A. Saskatchewan Pipe Line Limited  
 Canadian Gulf Pipe Line Company  
 Edmonton Pipe Line Company Limited  
 Saskatoon Pipe Line Company  
 Texaco Exploration Company  
 Trans-Northern Pipe Line Company  
 Valley Pipe Line Company, Limited  
 Winnipeg Pipe Line Company, Limited

- (2) Includes 2,179,251 bbls. products and 38,752 bbls. natural gasoline  
 (3) " 7,572,242 " " 172,010 " " "  
 (4) " 2,177,016 " " 38,094 " " "  
 (5) " 7,580,727 " " 170,242 " " "

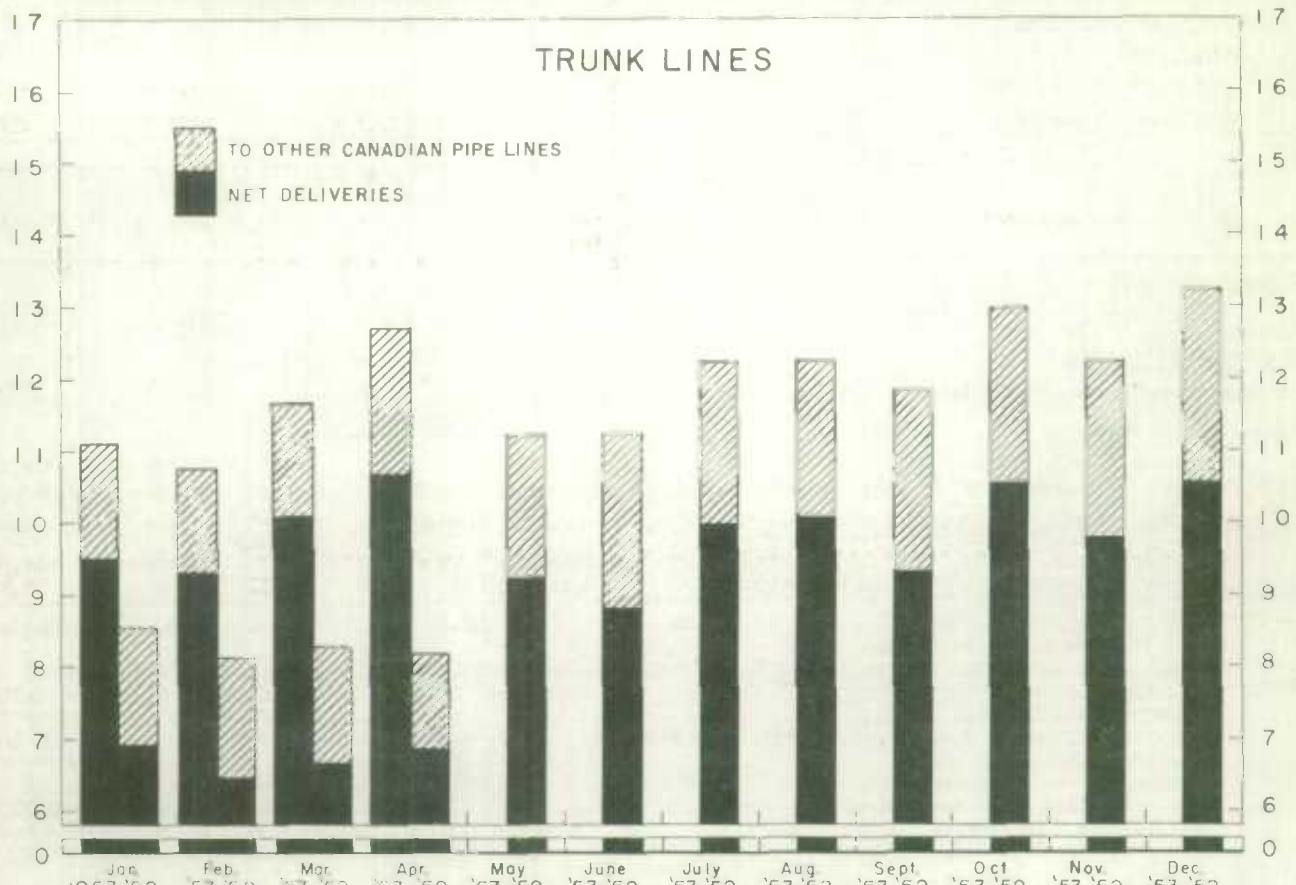
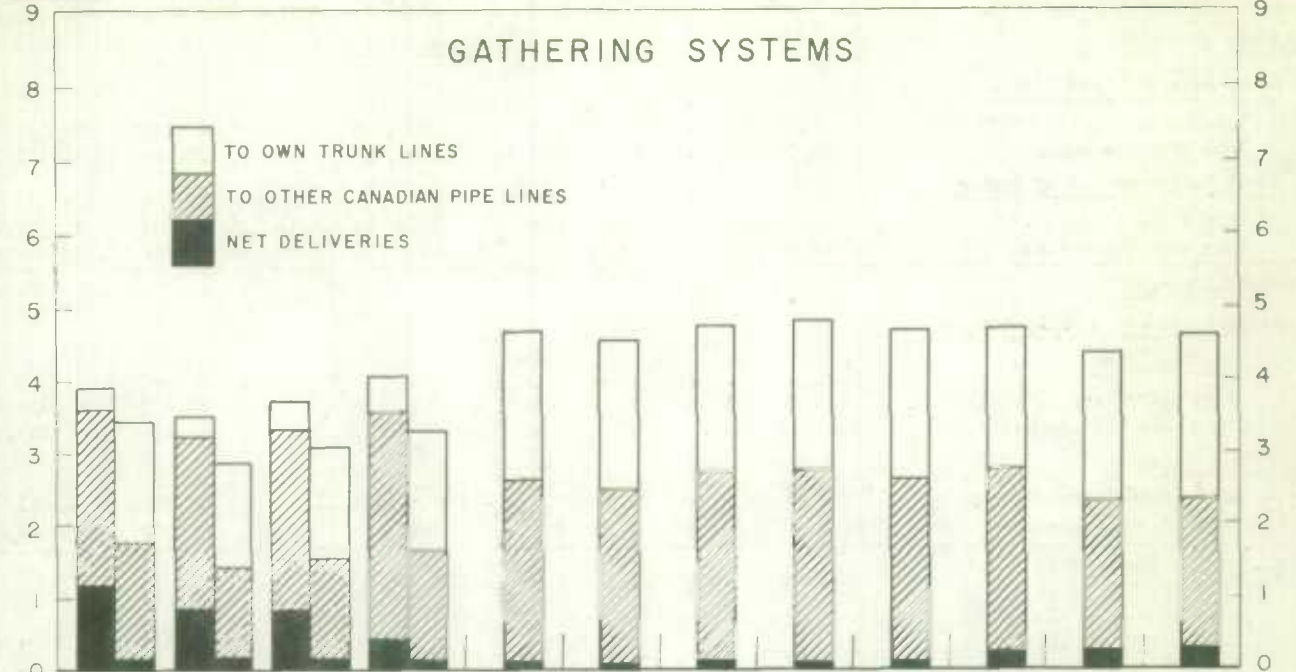




## MONTHLY OIL\* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION  
BARRELS

MILLION  
BARRELS



\* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.