UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-Q

	LY REPORT PURSUANT TO SECTI E SECURITIES EXCHANGE ACT OI	` '
For	the quarterly period ended March 31, 2	022
	OR	
	ON REPORT PURSUANT TO SECTION SECTION IN SECURITIES EXCHANGE ACT OF	
Fo	or the transition period from to	_
	Commission file number 0-12014	
_	IMPERIAL OIL LIMITED	
CANADA	act name of registrant as specified in its chart	er) 98-0017682
(State or other jurisdiction of incorporation or organization)		(I.R.S. Employer Identification No.)
505 Quarry Park Boulevard S.E. (Address of principal executive offices)	Calgary, Alberta, Canada	T2C 5N1 (Postal Code)
(Reg	1-800-567-3776 istrant's telephone number, including area cod	e)
Securities registered pursuant to Section 12(b) of the Act:	
Title of each class	Trading symbol	Name of each exchange on which registered
None	3 ,	None
	(1) has filed all reports required to be filed by 2 months (or for such shorter period that the rements for the past 90 days.	
Indicate by check mark whether the registrant	has submitted electronically every Interactive nis chapter) during the preceding 12 months (o	
YES NO		
	it is a large accelerated filer, an accelerated filee the definition of "large accelerated filer", "a 2 of the Exchange Act of 1934.	
Large accelerated filer Non-accelerated filer Accelerated filer ———————————————————————————————————	Smaller reporting compa Emerging growth compa	
	neck mark if the registrant has elected not to us tandards provided pursuant to Section 13(a) o	
Indicate by check mark whether the registrant	is a shell company (as defined in Rule 12b-2	of the Exchange Act of 1934).
YES NO✓		

The number of common shares outstanding, as of March 31, 2022 was 669,143,714.

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In this report all dollar amounts are expressed in Canadian dollars unless otherwise stated. This report should be read in conjunction with the company's annual report on Form 10-K for the year ended December 31, 2021. Note that numbers may not add due to rounding.

The term "project" as used in this report can refer to a variety of different activities and does not necessarily have the same meaning as in any government payment transparency reports.

In this report, unless the context otherwise indicates, reference to "the company" or "Imperial" includes Imperial Oil Limited and its subsidiaries.

PART I. FINANCIAL INFORMATION

Item 1. Financial statements

Consolidated statement of income (U.S. GAAP, unaudited)

	Three Months	
	to Ma	rch 31
millions of Canadian dollars	2022	2021
Revenues and other income		
Revenues (a)	12,657	6,992
Investment and other income (note 3)	29	6
Total revenues and other income	12,686	6,998
Expenses		
Exploration	2	2
Purchases of crude oil and products (b)	8,350	3,887
Production and manufacturing (c)	1,659	1,485
Selling and general (c)	225	189
Federal excise tax and fuel charge	479	404
Depreciation and depletion	426	494
Non-service pension and postretirement benefit	4	11
Financing (d) (note 5)	7	14
Total expenses	11,152	6,486
Income (loss) before income taxes	1,534	512
Income taxes	361	120
Net income (loss)	1,173	392
Per share information (Canadian dollars)		
Net income (loss) per common share - basic (note 9)	1.75	0.53
Net income (loss) per common share - diluted (note 9)	1.75	0.53
(a) Amounts from related parties included in revenues.	3,959	1,508
(b) Amounts to related parties included in purchases of crude oil and products.	650	515
(c) Amounts to related parties included in production and manufacturing, and selling and general expenses.	118	116
(d) Amounts to related parties included in financing (note 5). The information in the notes to consolidated financial statements is an integral part of these statements.	4	11

Consolidated statement of comprehensive income (U.S. GAAP, unaudited)

	Three Montl to March 3	
millions of Canadian dollars	2022	2021
Net income (loss)	1,173	392
Other comprehensive income (loss), net of income taxes		
Postretirement benefits liability adjustment (excluding amortization)	24	54
Amortization of postretirement benefits liability adjustment		
included in net benefit costs	21	33
Total other comprehensive income (loss)	45	87
Comprehensive income (loss)	1,218	479

The information in the notes to consolidated financial statements is an integral part of these statements.

Consolidated balance sheet (U.S. GAAP, unaudited)

	As at	As at
millions of Consider dellars	Mar 31 2022	Dec 31 2021
millions of Canadian dollars Assets	2022	2021
Current assets		
Cash	3,149	2,153
Accounts receivable - net (a)	5,413	3,869
Inventories of crude oil and products	1,374	1,102
Materials, supplies and prepaid expenses	782	689
Total current assets	10,718	7,813
Investments and long-term receivables (b)	754	757
Property, plant and equipment,	56,925	56,762
less accumulated depreciation and depletion	(25,818)	(25,522)
Property, plant and equipment, net	31,107	31,240
Goodwill	166	166
Other assets, including intangibles - net	1,065	806
Total assets	43,810	40,782
Liabilities Current liabilities		
Notes and loans payable	122	122
Accounts payable and accrued liabilities (a) (note 7)	7,364	5,184
Income taxes payable	1,165	248
Total current liabilities	8,651	5,554
Long-term debt (c) (note 6)	5,049	5,054
Other long-term obligations (note 7)	3,426	3,897
Deferred income tax liabilities	4,408	4,542
Total liabilities	21,534	19,047
Shareholders' equity		
Common shares at stated value (d) (note 9)	1,237	1,252
Earnings reinvested	22,171	21,660
Accumulated other comprehensive income (loss) (note 10)	(1,132)	(1,177)
Total shareholders' equity	22,276	21,735
Total liabilities and shareholders' equity	43,810	40,782

⁽a) Accounts receivable - net included net amounts receivable from related parties of \$1,632 million (2021 - \$1,031 million).

The information in the notes to consolidated financial statements is an integral part of these statements.

⁽b) Investments and long-term receivables included amounts from related parties of \$297 million (2021 - \$298 million).

⁽c) Long-term debt included amounts to related parties of \$4,447 million (2021 - \$4,447 million).

⁽d) Number of common shares authorized and outstanding were 1,100 million and 669 million, respectively (2021 - 1,100 million and 678 million, respectively).

Consolidated statement of shareholders' equity (U.S. GAAP, unaudited)

	Three	Three Months		
	to M	March 31		
millions of Canadian dollars	2022	2021		
Common shares at stated value (note 9)				
At beginning of period	1,252	1,357		
Share purchases at stated value	(15)	-		
At end of period	1,237	1,357		
Earnings reinvested				
At beginning of period	21,660	22,050		
Net income (loss) for the period	1,173	392		
Share purchases in excess of stated value	(434)	-		
Dividends declared	(228)	(161)		
At end of period	22,171	22,281		
Accumulated other comprehensive income (loss) (note 10)				
At beginning of period	(1,177)	(1,989)		
Other comprehensive income (loss)	45	87		
At end of period	(1,132)	(1,902)		
Shareholders' equity at end of period	22,276	21,736		

The information in the notes to consolidated financial statements is an integral part of these statements.

Consolidated statement of cash flows (U.S. GAAP, unaudited)

		Months
Inflow (outflow)	to Mai	
millions of Canadian dollars	2022	2021
Operating activities	4.470	000
Net income (loss)	1,173	392
Adjustments for non-cash items:	400	40.4
Depreciation and depletion	426	494
(Gain) loss on asset sales (note 3)	(20)	(3)
Deferred income taxes and other	(331)	60
Changes in operating assets and liabilities:		
Accounts receivable	(1,544)	(469)
Inventories, materials, supplies and prepaid expenses	(364)	(159)
Income taxes payable	459	21
Accounts payable and accrued liabilities	2,144	584
All other items - net (b)	(29)	125
Cash flows from (used in) operating activities	1,914	1,045
Investing activities		
Additions to property, plant and equipment	(304)	(167)
Proceeds from asset sales (note 3)	24	7
Loans to equity companies - net	1	13
Cash flows from (used in) investing activities	(279)	(147)
Financing activities		
Short-term debt - net	-	(36)
Reduction in finance lease obligations (note 6)	(5)	(4)
Dividends paid	(185)	(162)
Common shares purchased (note 9)	(449)	-
Cash flows from (used in) financing activities	(639)	(202)
Increase (decrease) in cash	996	696
Cash at beginning of period	2,153	771
Cash at end of period (a)	3,149	1,467
(a) Cash is composed of cash in bank and cash equivalents at cost. Cash equivalents are all highly liquid so three months or less when purchased.	-, -	
(b) Included contributions to registered pension plans.	(50)	(28)
Income taxes (paid) refunded.	(223)	1
Interest (paid), net of capitalization.	(12)	(13)
The information in the notes to consolidated financial statements is an integral part of these statements.		

Notes to consolidated financial statements (unaudited)

1. Basis of financial statement preparation

These unaudited consolidated financial statements have been prepared in accordance with United States Generally Accepted Accounting Principles (GAAP) and follow the same accounting policies and methods of computation as, and should be read in conjunction with, the most recent annual consolidated financial statements filed with the U.S. Securities and Exchange Commission (SEC) in the company's 2021 annual report on Form 10-K. In the opinion of the company, the information furnished herein reflects all known accruals and adjustments necessary for a fair statement of the results for the periods reported herein. All such adjustments are of a normal recurring nature.

The company's exploration and production activities are accounted for under the "successful efforts" method.

The results for the three months ended March 31, 2022, are not necessarily indicative of the operations to be expected for the full year.

All amounts are in Canadian dollars unless otherwise indicated.

2. Business segments

Three Months to March 31	Ups	tream	Down	stream	Che	mical
millions of Canadian dollars	2022	2021	2022	2021	2022	2021
Revenues and other income						
Revenues (a)	99	2,142	12,191	4,527	367	323
Intersegment sales	4,431	1,351	1,833	773	104	53
Investment and other income (note 3)	4	-	21	5	-	-
	4,534	3,493	14,045	5,305	471	376
Expenses						
Exploration	2	2	-	-	-	-
Purchases of crude oil and products	1,890	1,834	12,512	4,020	315	209
Production and manufacturing	1,249	1,109	356	326	54	50
Selling and general	-	-	147	133	23	25
Federal excise tax and fuel charge	-	-	479	404	-	-
Depreciation and depletion	373	445	41	39	5	4
Non-service pension and postretirement						
benefit	-	-	-	-	-	-
Financing (note 5)	-	1	-	-	-	-
Total expenses	3,514	3,391	13,535	4,922	397	288
Income (loss) before income taxes	1,020	102	510	383	74	88
Income tax expense (benefit)	238	23	121	91	18	21
Net income (loss)	782	79	389	292	56	67
Cash flows from (used in) operating activities	1,447	531	375	462	67	62
Capital and exploration expenditures (b)	222	85	68	68	1	2
Total assets as at March 31	29,182	31,754	10,179	4,909	501	462
	0 1		- ::	- 4:	0	-1:-1-41
Three Months to Moreh 21	Corporate and other Eliminations		Consolidated			
Three Months to March 31	-					
millions of Canadian dollars	2022	2021	2022	2021	2022	2021
millions of Canadian dollars Revenues and other income	-			2021	2022	2021
millions of Canadian dollars Revenues and other income Revenues (a)	-		2022	2021		
millions of Canadian dollars Revenues and other income Revenues (a) Intersegment sales	2022	2021 - -		2021	2022 12,657 -	2021 6,992 -
millions of Canadian dollars Revenues and other income Revenues (a)	2022	2021 - - 1	- (6,368) -	2021 - (2,177) -	2022 12,657 - 29	6,992 6
millions of Canadian dollars Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3)	2022	2021 - -	2022	2021	2022 12,657 -	2021 6,992 -
millions of Canadian dollars Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses	2022	2021 - - 1	- (6,368) -	2021 - (2,177) -	2022 12,657 - 29 12,686	6,992 - 6 6,998
millions of Canadian dollars Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration	2022	2021 - - 1	2022 - (6,368) - (6,368)	2021 - (2,177) - (2,177)	2022 12,657 - 29 12,686	6,992 - 6 6,998
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products	2022 - - 4 4	2021 - - 1	- (6,368) -	2021 - (2,177) - (2,177) - (2,176)	2022 12,657 - 29 12,686 2 8,350	6,992 - 6 6,998 2 3,887
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing	2022 - - 4 4	2021 - - 1 1 - -	2022 - (6,368) - (6,368) - (6,367) - (6,367)	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659	6,992 - 6 6,998 2 3,887 1,485
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general	2022 - - 4 4	2021 - - 1	2022 - (6,368) - (6,368)	2021 - (2,177) - (2,177) - (2,176)	2022 12,657 - 29 12,686 2 8,350 1,659 225	2021 6,992 - 6 6,998 2 3,887 1,485 189
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge	2022 - - 4 4 - - - 56	2021 - - 1 1 - - - - 32	2022 - (6,368) - (6,368) - (6,367) -	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659 225 479	2021 6,992 - 6 6,998 2 3,887 1,485 189 404
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion	2022 - - 4 4	2021 - - 1 1 - -	2022 - (6,368) - (6,368) - (6,367) -	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659 225	6,992 - 6 6,998 2 3,887
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement	2022 - - 4 4 - - - 56 - 7	2021 - - 1 1 - - - 32 - 6	2022 - (6,368) - (6,368) - (6,367) -	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit	2022 	2021 - - 1 1 - - - 32 - 6	2022 - (6,368) - (6,368) - (6,367) -	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5)	2022 - - 4 4 - - - 56 - 7 4 7	2021 - - 1 1 - - - 32 - 6 11 13	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426	2021 6,992 6 6,998 2 3,887 1,485 189 404 494 11
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses	2022 	2021	2022 - (6,368) - (6,368) - (6,367) -	2021 - (2,177) - (2,177) - (2,176) -	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses Income (loss) before income taxes	2022 - - - - - - - - - - - - -	2021 1 1 1 32 - 6 11 13 62 (61)	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152 1,534	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486 512
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses Income (loss) before income taxes Income tax expense (benefit)	2022 4 4 56 - 7 4 7 74 (70) (16)	2021 1 1 32 - 6 11 13 62 (61) (15)	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152 1,534 361	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486 512 120
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses Income (loss) before income taxes Income (loss)	2022 4 4 56 - 7 4 7 (70) (16) (54)	2021 1 1 1 32 - 6 11 13 62 (61) (15) (46)	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152 1,534 361 1,173	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486 512 120 392
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses Income (loss) before income taxes Income (loss) Cash flows from (used in) operating activities	2022 4 4 56 - 7 4 7 74 (70) (16) (54) 25	2021 1 1 1 32 6 11 13 62 (61) (15) (46) (10)	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) (2,177) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152 1,534 361 1,173 1,914	2021 6,992 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486 512 120 392 1,045
Revenues and other income Revenues (a) Intersegment sales Investment and other income (note 3) Expenses Exploration Purchases of crude oil and products Production and manufacturing Selling and general Federal excise tax and fuel charge Depreciation and depletion Non-service pension and postretirement benefit Financing (note 5) Total expenses Income (loss) before income taxes Income (loss)	2022 4 4 56 - 7 4 7 (70) (16) (54)	2021 1 1 1 32 - 6 11 13 62 (61) (15) (46)	2022 - (6,368) - (6,368) - (6,367) - (1) 	2021 - (2,177) - (2,177) - (2,176) - (1) 	2022 12,657 - 29 12,686 2 8,350 1,659 225 479 426 4 7 11,152 1,534 361 1,173	2021 6,992 - 6 6,998 2 3,887 1,485 189 404 494 11 14 6,486 512 120 392

- (a) Included export sales to the United States of \$2,504 million (2021 \$1,569 million).
- (b) Capital and exploration expenditures (CAPEX) include exploration expenses, additions to property, plant and equipment, additions to finance leases, additional investments and acquisitions and the company's share of similar costs for equity companies. CAPEX excludes the purchase of carbon emission credits.

3. Investment and other income

Investment and other income included gains and losses on asset sales as follows:

	Three N	Three Months		
	to Mar	ch 31		
millions of Canadian dollars	2022	2021		
Proceeds from asset sales	24	7		
Book value of asset sales	4	4		
Gain (loss) on asset sales, before tax	20	3		
Gain (loss) on asset sales, after tax	16	2		

4. Employee retirement benefits

The components of net benefit cost were as follows:

	Three Months		
	to Mar	ch 31	
millions of Canadian dollars	2022	2021	
Pension benefits:			
Service cost	70	81	
Interest cost	73	68	
Expected return on plan assets	(103)	(107)	
Amortization of prior service cost	4	4	
Amortization of actuarial loss (gain)	22	36	
Net benefit cost	66	82	
Other postretirement benefits:			
Service cost	6	7	
Interest cost	6	6	
Amortization of actuarial loss (gain)	2	4	
Net benefit cost	14	17	

5. Financing costs

		Three Months to March 31	
millions of Canadian dollars	2022	2021	
Debt-related interest	12	21	
Capitalized interest	(5)	(8)	
Net interest expense	7	13	
Other interest	-	1	
Total financing	7	14	

6. Long-term debt

	As at	As at
	Mar 31	Dec 31
millions of Canadian dollars	2022	2021
Long-term debt	4,447	4,447
Finance leases	602	607
Total long-term debt	5,049	5,054

7. Other long-term obligations

	As at	As at
	Mar 31	Dec 31
millions of Canadian dollars	2022	2021
Employee retirement benefits (a)	1,326	1,362
Asset retirement obligations and other environmental liabilities (b)	1,713	1,713
Share-based incentive compensation liabilities	111	79
Operating lease liability (c)	138	147
Other obligations	138	596
Total other long-term obligations	3,426	3,897
() =	(**** ****)	

⁽a) Total recorded employee retirement benefits obligations also included \$56 million in current liabilities (2021 - \$56 million).

⁽b) Total asset retirement obligations and other environmental liabilities also included \$102 million in current liabilities (2021 - \$102 million).

⁽c) Total operating lease liability also included \$95 million in current liabilities (2021 - \$102 million). In addition to the total operating lease liability, additional undiscounted commitments for leases not yet commenced totalled \$0 million (2021 - \$5 million).

8. Financial and derivative instruments

Financial instruments

The fair value of the company's financial instruments is determined by reference to various market data and other appropriate valuation techniques. There are no material differences between the fair value of the company's financial instruments and the recorded carrying value. At March 31, 2022 and December 31, 2021, the fair value of long-term debt (\$4,447 million, excluding finance lease obligations) was primarily a level 2 measurement.

Derivative instruments

The company's size, strong capital structure and the complementary nature of the Upstream, Downstream and Chemical businesses reduce the company's enterprise-wide risk from changes in commodity prices and currency exchange rates. In addition, the company uses commodity-based contracts, including derivative instruments to manage commodity price risk and to generate returns from trading. Commodity contracts held for trading purposes are presented in the Consolidated statement of income on a net basis in the line "Revenues". The company does not designate derivative instruments as a hedge for hedge accounting purposes.

Credit risk associated with the company's derivative position is mitigated by several factors, including the use of derivative clearing exchanges and the quality of and financial limits placed on derivative counterparties. The company maintains a system of controls that includes the authorization, reporting and monitoring of derivative activity.

The net notional long/(short) position of derivative instruments was:

	As at	As at
	Mar 31	Dec 31
thousands of barrels	2022	2021
Crude	(620)	7,390
Products	(70)	(560)

Realized and unrealized gain or (loss) on derivative instruments recognized in the Consolidated statement of income is included in the following lines on a before-tax basis:

	i nree iv	
	to N	larch 31
millions of Canadian dollars	2022	2021
Revenues	37	-
Purchases of crude oil and products	-	(14)
Total	37	(14)

The estimated fair value of derivative instruments, and the related hierarchy level for the fair value measurement is as follows:

At March 31, 2022

millions of Canadian dollars

		Fair v	alue		Effect of	Effect of	Net
					counterparty	collateral	carrying
	Level 1	Level 2	Level 3	Total	netting	netting	value
Assets							
Derivative assets (a)	48	18	-	66	(59)	-	7
Liabilities							
Derivative liabilities (b)	53	25	-	78	(59)	(4)	15

- (a) Included in the Consolidated balance sheet line: "Materials, supplies and prepaid expenses", "Accounts receivable net" and "Other assets, including intangibles net".
- (b) Included in the Consolidated balance sheet line: "Accounts payable and accrued liabilities" and "Other long-term obligations".

At December 31, 2021

millions of Canadian dollars

		Fair value			Effect of	Effect of	Net	
	Level 1	Level 2	Level 3	Total	counterparty netting	' '	collateral netting	carrying value
Assets								
Derivative assets (a)	24	17	-	41	(31)	-	10	
Liabilities								
Derivative liabilities (b)	31	12	-	43	(31)	(7)	5	

- (a) Included in the Consolidated balance sheet line: "Materials, supplies and prepaid expenses", "Accounts receivable net" and "Other assets, including intangibles net".
- (b) Included in the Consolidated balance sheet line: "Accounts payable and accrued liabilities" and "Other long-term obligations".

At March 31, 2022 and December 31, 2021, the company had \$47 million and \$6 million, respectively, of collateral under a master netting arrangement not offset against the derivatives on the Consolidated balance sheet in "Accounts receivable - net", primarily related to initial margin requirements.

9. Common shares

	As of	As of
	Mar 31	Dec 31
thousands of shares	2022	2021
Authorized	1,100,000	1,100,000
Common shares outstanding	669,144	678,080

The most recent 12-month normal course issuer bid program came into effect June 29, 2021, under which Imperial continued its existing share purchase program. The program enabled the company to purchase up to a maximum of 35,583,671 common shares (5 percent of the total shares on June 15, 2021) which included shares purchased under the normal course issuer bid and from Exxon Mobil Corporation concurrent with, but outside of the normal course issuer bid. As in the past, Exxon Mobil Corporation advised the company that it intended to participate to maintain its ownership percentage at approximately 69.6 percent. The program completed on January 31, 2022 as a result of the company purchasing the maximum allowable number of shares under the program.

On April 29, 2022 the company announced its intention to launch a substantial issuer bid pursuant to which the company will offer to purchase for cancellation up to \$2,500,000,000 of its common shares. The substantial issuer bid will be made through a modified Dutch auction, with a tender price range to be determined by the company at the time of commencement of the offer. Shares may also be tendered by way of a proportionate tender, which will result in a shareholder maintaining their proportionate share ownership. ExxonMobil has advised Imperial that it intends to make a proportionate tender in connection with the offer in order to maintain its proportionate share ownership at approximately 69.6 percent following completion of the offer. Nothing in this report shall constitute an offer to purchase or a solicitation of an offer to sell any shares.

The excess of the purchase cost over the stated value of shares purchased has been recorded as a distribution of earnings reinvested.

The company's common share activities are summarized below:

	Thousands of	Millions of
	shares	dollars
Balance as at December 31, 2020	734,077	1,357
Issued under employee share-based awards	7	-
Purchases at stated value	(56,004)	(105)
Balance as at December 31, 2021	678,080	1,252
Issued under employee share-based awards	-	-
Purchases at stated value	(8,936)	(15)
Balance as at March 31, 2022	669,144	1,237

The following table provides the calculation of basic and diluted earnings per common share and the dividends declared by the company on its outstanding common shares:

	Three Months	
	to March 3	
	2022	2021
Net income (loss) per common share - basic		
Net income (loss) (millions of Canadian dollars)	1,173	392
Weighted average number of common shares outstanding (millions of shares)	670.5	734.1
Net income (loss) per common share (dollars)	1.75	0.53
Net income (loss) per common share - diluted		
Net income (loss) (millions of Canadian dollars)	1,173	392
Weighted average number of common shares outstanding (millions of shares)	670.5	734.1
Effect of employee share-based awards (millions of shares)	1.4	1.6
Weighted average number of common shares outstanding,		
assuming dilution (millions of shares)	671.9	735.7
Net income (loss) per common share (dollars)	1.75	0.53
Dividends per common share - declared (dollars)	0.34	0.22

10. Other comprehensive income (loss) information

Changes in accumulated other comprehensive income (loss):

millions of Canadian dollars	2022	2021
Balance at January 1	(1,177)	(1,989)
Postretirement benefits liability adjustment:		
Current period change excluding amounts reclassified		
from accumulated other comprehensive income	24	54
Amounts reclassified from accumulated other comprehensive income	21	33
Balance at March 31	(1,132)	(1,902)

Amounts reclassified out of accumulated other comprehensive income (loss) - before tax income (expense):

	Ihree	Months
	to Ma	rch 31
millions of Canadian dollars	2022	2021
Amortization of postretirement benefits liability adjustment		
included in net benefit cost (a)	(28)	(44)
(a) This accommutated ather assemble point income assemble part is included in the assemblation of not	banafit and (mate 1)	

⁽a) This accumulated other comprehensive income component is included in the computation of net benefit cost (note 4).

Income tax expense (credit) for components of other comprehensive income (loss):

	Three Months to March 31	
millions of Canadian dollars	2022	2021
Postretirement benefits liability adjustments:		
Postretirement benefits liability adjustment (excluding amortization)	8	17
Amortization of postretirement benefits liability adjustment		
included in net benefit cost	7	11
Total	15	28

Item 2. Management's discussion and analysis of financial condition and results of operations

Non-GAAP financial measures and other specified financial measures

Certain measures included in this document are not prescribed by U.S. Generally Accepted Accounting Principles (GAAP). These measures constitute "non-GAAP financial measures" under Securities and Exchange Commission Regulation G, and "specified financial measures" under National Instrument 52-112 Non-GAAP and Other Financial Measures Disclosure of the Canadian Securities Administrators.

Reconciliation of these non-GAAP financial measures to the most comparable GAAP measure, and other information required by these regulations have been provided. Non-GAAP financial measures and specified financial measures are not standardized financial measures under GAAP and do not have a standardized definition. As such, these measures may not be directly comparable to measures presented by other companies, and should not be considered a substitute for GAAP financial measures.

Net income (loss) excluding identified items

Net income (loss) excluding identified items is a non-GAAP financial measure that is total net income (loss) excluding individually significant non-operational events with an absolute corporate total earnings impact of at least \$100 million in a given quarter. The net income (loss) impact of an identified item for an individual segment in a given quarter may be less than \$100 million when the item impacts several segments or several periods. The most directly comparable financial measure that is disclosed in the financial statements is net income (loss) within the company's Consolidated statement of income. Management uses these figures to improve comparability of the underlying business across multiple periods by isolating and removing significant non-operational events from business results. The company believes this view provides investors increased transparency into business results and trends, and provides investors with a view of the business as seen through the eyes of management. Net income (loss) excluding identified items is not meant to be viewed in isolation or as a substitute for net income (loss) as prepared in accordance with U.S. GAAP. All identified items are presented on an after-tax basis.

Reconciliation of net income (loss) excluding identified items

There were no identified items in the first guarter of 2022 and 2021.

Current business environment

During the COVID-19 pandemic, industry investment to maintain and increase production capacity was restrained to preserve capital, resulting in underinvestment and supply tightness as demand for petroleum and petrochemical products recovered. Across late 2021 and early 2022, this dynamic, along with supply chain constraints, and a continuation of demand recovery led to a steady increase in oil and natural gas prices. In the first quarter of 2022, tightness in the oil and natural gas markets was further exacerbated by Russia's invasion of Ukraine and subsequent sanctions imposed upon business and other activities in Russia. The price of crude oil and certain regional natural gas indicators increased to levels not seen for several years.

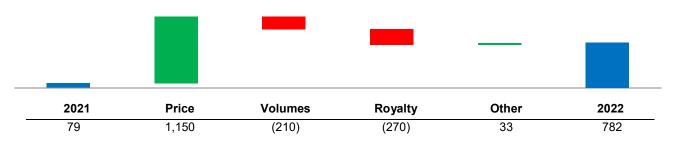
Operating results

First quarter 2022 vs. first quarter 2021

	First Quarter	
millions of Canadian dollars, unless noted	2022	2021
Net income (loss) (U.S. GAAP)	1,173	392
Net income (loss) per common share, assuming dilution (dollars)	1.75	0.53

Upstream Net income (loss) factor analysis





Price – Higher realizations were generally in line with increases in marker prices, driven primarily by increased demand and supply chain constraints. Average bitumen realizations increased by \$42.17 per barrel generally in line with WCS and synthetic crude oil realizations increased by \$49.83 per barrel generally in line with WTI.

Volumes – Lower volumes primarily driven by extreme cold weather and unplanned downtime at Kearl.

Royalty – Higher royalties primarily driven by improved commodity prices.

Marker prices and average realizations

	First Quarter	
Canadian dollars, unless noted	2022	2021
West Texas Intermediate (US\$)	95.01	58.14
Western Canada Select (US\$)	80.46	45.64
WTI/WCS Spread (US\$)	14.55	12.50
Bitumen (per barrel)	89.36	47.19
Synthetic crude oil (per barrel)	117.24	67.41
Average foreign exchange rate (US\$)	0.79	0.79

Production

	First Quarter	
thousands of barrels per day	2022	2021
Kearl (Imperial's share)	132	178
Cold Lake	140	140
Syncrude (Imperial's share) (a)	77	79
Kearl total gross production (thousands of barrels per day)	186	251

(a) In the first quarter of 2022, Syncrude (Imperial's share) gross production included about 1 thousand barrels per day of bitumen (2021 - rounded to 0 thousand barrels per day) that was exported to the operator's facilities using an existing interconnect pipeline.

Lower production at Kearl was primarily a result of extreme cold weather and unplanned downtime.

Downstream

Net income (loss) factor analysis

millions of Canadian dollars



Margins – Higher margins primarily reflect improved market conditions.

Refinery utilization and petroleum product sales

	First 0	First Quarter	
thousands of barrels per day, unless noted	2022	2021	
Refinery throughput	399	364	
Refinery capacity utilization (percent)	93	85	
Petroleum product sales	447	414	

Improved refinery throughput in the first quarter of 2022 primarily reflects increased demand.

Improved petroleum product sales in the first quarter of 2022 were mainly due to increased demand.

Chemicals

Net income (loss) factor analysis

millions of Canadian dollars



Corporate and other

	First Quarter	
millions of Canadian dollars	2022	2021
Net income (loss) (U.S. GAAP)	(54)	(46)

Liquidity and capital resources

	First Quarter	
millions of Canadian dollars	2022	2021
Cash flow generated from (used in):		
Operating activities	1,914	1,045
Investing activities	(279)	(147)
Financing activities	(639)	(202)
Increase (decrease) in cash and cash equivalents	996	696
Cash and cash equivalents at period end	3,149	1,467

Cash flow generated from operating activities primarily reflects higher Upstream realizations, improved Downstream margins, and favourable working capital impacts.

Cash flow used in investing activities primarily reflects higher additions to property, plant and equipment.

Cash flow used in financing activities primarily reflects:

	First Quarter	
millions of Canadian dollars, unless noted	2022	2021
Dividends paid	185	162
Per share dividend paid (dollars)	0.27	0.22
Share repurchases (a)	449	-
Number of shares purchased (millions) (a)	8.9	-

⁽a) Share repurchases were made under the company's normal course issuer bid program, and include shares purchased from Exxon Mobil Corporation concurrent with, but outside of the normal course issuer bid.

The company completed share repurchases under its normal course issuer bid on January 31, 2022. The company did not purchase shares during the first quarter of 2021.

On April 29, 2022 the company announced its intention to launch a substantial issuer bid pursuant to which the company will offer to purchase for cancellation up to \$2,500,000,000 of its common shares. The substantial issuer bid will be made through a modified Dutch auction, with a tender price range to be determined by the company at the time of commencement of the offer. Shares may also be tendered by way of a proportionate tender, which will result in a shareholder maintaining their proportionate share ownership. ExxonMobil has advised Imperial that it intends to make a proportionate tender in connection with the offer in order to maintain its proportionate share ownership at approximately 69.6 percent following completion of the offer. Nothing in this report shall constitute an offer to purchase or a solicitation of an offer to sell any shares.

Forward-looking statements

Statements of future events or conditions in this report, including projections, targets, expectations, estimates, and business plans are forward-looking statements. Forward-looking statements can be identified by words such as believe, anticipate, intend, propose, plan, goal, seek, project, predict, target, estimate, expect, strategy, outlook, schedule, future, continue, likely, may, should, will and similar references to future periods. Forward-looking statements in this release include, but are not limited to, references to the use of derivative instruments and effectiveness of risk mitigation; the company's intention to initiate a substantial issuer bid, including the size, timing for determining the terms and pricing, commencement, structure and ExxonMobil's intent to make a proportionate tender; updated earnings sensitivities; and the company's continued evaluation of renewal of its normal course issuer bid program.

Forward-looking statements are based on the company's current expectations, estimates, projections and assumptions at the time the statements are made. Actual future financial and operating results, including expectations and assumptions concerning demand growth and energy source, supply and mix; commodity prices, foreign exchange rates and general market conditions; production rates, growth and mix; project plans, timing, costs, technical evaluations and capacities and the company's ability to effectively execute on these plans and operate its assets; that the necessary exemptive relief to proceed with the substantial issuer bid under applicable securities laws will be received on the timeline anticipated; ExxonMobil making a proportionate tender in connection with the substantial issuer bid; cash generation, financing sources and capital structure, including the timing and amount of share repurchases; capital and environmental expenditures; the adoption and impact of new facilities or technologies on reductions to GHG emissions intensity; receipt of regulatory approvals; applicable laws and government policies, including with respect to climate change and GHG emissions reductions; progression of COVID-19 and its impacts on Imperial's ability to operate its assets; the company's ability to effectively execute on its business continuity plans and pandemic response activities; and commodity prices, foreign exchange rates and general market conditions could differ materially depending on a number of factors.

These factors include global, regional or local changes in supply and demand for oil, natural gas, and petroleum and petrochemical products and resulting price, differential and margin impacts, including foreign government action with respect to supply levels and prices, the impact of COVID-19 on demand and the occurrence of wars; availability and allocation of capital; the receipt, in a timely manner, of regulatory and third-party approvals; project management and schedules and timely completion of projects; unanticipated technical or operational difficulties; management effectiveness and disaster response preparedness, including business continuity plans in response to COVID-19; operational hazards and risks; availability and performance of third-party service providers, including in light of restrictions related to COVID-19; environmental risks inherent in oil and gas exploration and production activities; political or regulatory events, including changes in law or government policy such as tax laws, production curtailment and actions in response to COVID-19; the results of research programs and new technologies, and ability to bring new technologies to commercial scale on a cost-competitive basis; cybersecurity incidents, including increased reliance on remote working arrangements; currency exchange rates; general economic conditions; and other factors discussed in Item 1A risk factors and Item 7 management's discussion and analysis of financial condition and results of operations of Imperial Oil Limited's most recent annual report on Form 10-K.

Forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties, some that are similar to other oil and gas companies and some that are unique to Imperial. Imperial's actual results may differ materially from those expressed or implied by its forward-looking statements and readers are cautioned not to place undue reliance on them. Imperial undertakes no obligation to update any forward-looking statements contained herein, except as required by applicable law.

The term "project" as used in this report can refer to a variety of different activities and does not necessarily have the same meaning as in any government payment transparency reports.

Item 3. Quantitative and qualitative disclosures about market risk

Information about market risks for the three months ended March 31, 2022, does not differ materially from that discussed on page 33 of the company's annual report on Form 10-K for the year ended December 31, 2021. The following table details those earnings sensitivities that have been updated from the fiscal year-end to reflect current market conditions.

Earnings Sensitivities (a)

millions	of Cono	dian a	Iolloro	ofter toy
HIIIIIOHS	ui Cana	ulali u	ioliais	aitei tax

One dollar (U.S.) per barrel increase (decrease) in crude oil prices	+ (-)	105
One dollar (U.S.) per barrel increase (decrease) in light and heavy crude price differentials	+ (-)	35
One cent decrease (increase) in the value of the Canadian dollar versus the U.S. dollar	+ (-)	200

⁽a) Each sensitivity calculation shows the annual impact on net income resulting from a change in one factor, after tax and royalties and holding all other factors constant. These sensitivities have been updated to reflect current market conditions. They may not apply proportionately to larger fluctuations.

Item 4. Controls and procedures

As indicated in the certifications in Exhibit 31 of this report, the company's principal executive officer and principal financial officer have evaluated the company's disclosure controls and procedures as of March 31, 2022. Based on that evaluation, these officers have concluded that the company's disclosure controls and procedures are effective in ensuring that information required to be disclosed by the company in the reports that it files or submits under the Securities Exchange Act of 1934, as amended, is accumulated and communicated to them in a manner that allows for timely decisions regarding required disclosures and are effective in ensuring that such information is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms. There has not been any change in the company's internal control over financial reporting during the last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal proceedings

Imperial has elected to use a \$1 million threshold for disclosing environmental proceedings.

Item 2. Unregistered sales of equity securities and use of proceeds

Issuer purchases of equity securities

	Total number of shares purchased	Average price paid per share (Canadian dollars)	Total number of shares purchased as part of publicly announced plans or programs	Maximum number of shares that may yet be purchased under the plans or programs (a)
January 2022	•		<u> </u>	
(January 1 - January 31)	8,936,150	50.30	8,936,150	-
February 2022				
(February 1 - February 28)	-	-	-	-
March 2022				
(March 1 - March 31)	-	-	-	-

⁽a) On June 23, 2021, the company announced by news release that it had received final approval from the Toronto Stock Exchange for a new normal course issuer bid to continue its existing share purchase program. The program enabled the company to purchase up to a maximum of 35,583,671 common shares during the period June 29, 2021 to June 28, 2022. This maximum included shares purchased under the normal course issuer bid and from Exxon Mobil Corporation concurrent with, but outside of the normal course issuer bid. As in the past, Exxon Mobil Corporation advised the company that it intended to participate to maintain its ownership percentage at approximately 69.6 percent. The program ended on January 31, 2022 as a result of the company purchasing the maximum allowable number of shares under the program.

On April 29, 2022 the company announced its intention to launch a substantial issuer bid pursuant to which the company will offer to purchase for cancellation up to \$2,500,000,000 of its common shares. The substantial issuer bid will be made through a modified Dutch auction, with a tender price range to be determined by the company at the time of commencement of the offer. Shares may also be tendered by way of a proportionate tender, which will result in a shareholder maintaining their proportionate share ownership. ExxonMobil has advised Imperial that it intends to make a proportionate tender in connection with the offer in order to maintain its proportionate share ownership at approximately 69.6 percent following completion of the offer. Nothing in this report shall constitute an offer to purchase or a solicitation of an offer to sell any shares.

The company will continue to evaluate the renewal of its normal course issuer bid share purchase program in June 2022 in the context of its overall capital activities.

Purchase plans may be modified at any time without prior notice.

Item 6. Exhibits

- (31.1) Certification by the principal executive officer of the company pursuant to Rule 13a-14(a).
- (31.2) Certification by the principal financial officer of the company pursuant to Rule 13a-14(a).
- (32.1) Certification by the chief executive officer of the company pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350.
- (32.2) Certification by the chief financial officer of the company pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350.
- (101) Interactive Data Files (formatted as Inline XBRL).
- (104) Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101).

SIGNATURES

Pursuant to the requirements of the *Securities Exchange Act* of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: May 4, 2022

Date: May 4, 2022

Imperial Oil Limited (Registrant)

/s/ Daniel E. Lyons

(Signature)

(Signature)
Daniel E. Lyons

Senior vice-president, finance and administration, and controller (Principal accounting officer)

/s/ Cathryn Walker

(Signature) Cathryn Walker

Assistant corporate secretary

Exhibit (31.1)

Certification Pursuant to Securities Exchange Act Rule 13a-14(a)

I, Bradley W. Corson, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Imperial Oil Limited;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 4, 2022

/s/ Bradley W. Corson

Bradley W. Corson Chairman, president and chief executive officer (Principal executive officer)

Exhibit (31.2)

Certification Pursuant to Securities Exchange Act Rule 13a-14(a)

I, Daniel E. Lyons, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Imperial Oil Limited;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 4, 2022

/s/ Daniel E. Lyons

Daniel E. Lyons Senior vice-president, finance and administration, and controller (Principal financial officer)

Exhibit (32.1)

Certification of Periodic Financial Report Pursuant to 18 U.S.C. Section 1350

For purposes of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the *Sarbanes-Oxley Act* of 2002, the undersigned, Bradley W. Corson, the chief executive officer of Imperial Oil Limited (the "company"), hereby certifies that, to his knowledge:

- (i) The quarterly report on Form 10-Q of the company for the quarter ended March 31, 2022 as filed with the Securities and Exchange Commission (the "Report"), fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (ii) The information contained in the report fairly presents, in all material respects, the financial condition and results of operations of the company.

Date: May 4, 2022

/s/ Bradley W. Corson

Bradley W. Corson Chairman, president and chief executive officer (Principal executive officer)

Exhibit (32.2)

Certification of Periodic Financial Report Pursuant to 18 U.S.C. Section 1350

For purposes of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the *Sarbanes-Oxley Act* of 2002, the undersigned, Daniel E. Lyons, the chief financial officer of Imperial Oil Limited (the "company"), hereby certifies that, to his knowledge:

- (i) The quarterly report on Form 10-Q of the company for the quarter ended March 31, 2022 as filed with the Securities and Exchange Commission (the "Report"), fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (ii) The information contained in the report fairly presents, in all material respects, the financial condition and results of operations of the company.

Date: May 4, 2022

/s/ Daniel E. Lyons

Daniel E. Lyons

Senior vice-president, finance and administration, and controller (Chief financial officer)