

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

FORM 8-K
CURRENT REPORT
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 15, 2018

IMPERIAL OIL LIMITED

(Exact name of registrant as specified in its charter)

<u>Canada</u> (State or other jurisdiction of incorporation)	<u>0-12014</u> (Commission File Number)	<u>98-0017682</u> (IRS Employer Identification No.)
<u>505 Quarry Park Boulevard S.E., Calgary, Alberta</u> (Address of principal executive offices)		<u>T2C 5N1</u> (Zip Code)

Registrant's telephone number, including area code: 1-800-567-3776

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- [] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- [] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- [] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- [] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events.

On February 15, 2018, the company announced that it has notified regulators and customers of a potential fuel quality issue in aviation gasoline shipped from Strathcona refinery since Dec. 28, 2017. A copy of the company's news release is attached as Exhibit 99.1 to this report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The following exhibit is furnished as part of this report on Form 8-K:

- 99.1 News release of the company on February 15, 2018 announcing that it has notified regulators and customers of a potential fuel quality issue in aviation gasoline shipped from Strathcona refinery since Dec. 28, 2017.

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 hereunto duly authorized.

IMPERIAL OIL LIMITED

Date: February 15, 2018

By: */s/ Lara Pella*

Name: Lara Pella
Title: Assistant General Counsel and
Corporate Secretary

By: */s/ Cathryn Walker*

Name: Cathryn Walker
Title: Assistant Corporate Secretary

Exhibit 99.1

Imperial notifies Transport Canada of potential aviation fuel quality issue

Calgary, Alberta – Feb., 15, 2018 – Imperial has notified regulators and customers of a potential fuel quality issue in aviation gasoline (sometimes referred to as “avgas” or “100 low lead”) shipped from Strathcona refinery since Dec. 28, 2017.

The primary concern is that the product quality issue may cause interference with on-board fuel gauge sensors of aircraft using avgas.

All shipments of the avgas from Strathcona refinery were promptly stopped as soon as the company became aware of the issue on Feb. 13, 2018. Imperial has also requested that all distributors cease distribution of the product.

At this time, Imperial is not aware of any reported safety issues related to the fuel. Aircraft that use jet fuel, also known in the industry as “Jet A,” are not impacted by this potential fuel quality concern.

“We regret this inconvenience and will continue to provide information as the situation evolves,” said Jon Wetmore, Vice-President Imperial Downstream. “An investigation into the cause of the issue is ongoing.”

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For further information:

Media Relations
(587) 476-7010

After more than a century, Imperial continues to be an industry leader in applying technology and innovation to responsibly develop Canada's energy resources. As Canada's largest petroleum refiner, a major producer of crude oil and natural gas, a key petrochemical producer and a leading fuels marketer from coast to coast, our company remains committed to high standards across all areas of our business.