

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



7933 Component Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (22 LTR)

DIAGNOSIS
A Recommendation

Check for low coolant level. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Machine Id

🔺 Wear

Iron ppm levels are severe. Chromium ppm levels are abnormal. Cylinder, crank, or cam shaft wear is indicated. Ring wear is indicated.

Contamination

Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

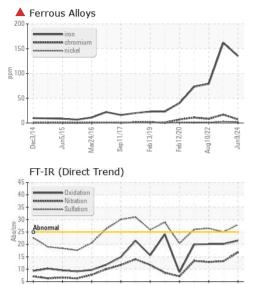
Fluid Condition

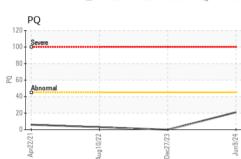
The oil is no longer serviceable as a result of the abnormal and/or severe wear. The condition of the oil is acceptable for the time in service (see recommendation).

Sample Date Client Info 09 Jun 2024 27 Dec 2023 10 Aug 2022 Machine Age hrs Client Info 22665 21710 19589 Dil Age hrs Client Info 2170 1015 1145 Dil Changed Client Info Changed Colent Info Changed Changed Changed Changed Changed Changed Colexation SEVERE SEVERE ABNORMAL CONTAMINATION method Imit/base current history1 history2 ABNORMAL Water WC Method >0.1 NEG NEG NEG Vickel ppm ASTM08185m >50 135 162 7 Chromium ppm ASTM08185m >50 135 162 3 1 Chromium ppm ASTM08186m >3 0 0 0 1 1 8 Vickel ppm ASTM08186m >3 0 0 0 0 0 0 <th>GEO LD 15W40 (</th> <th>(22 LIR)</th> <th>Jec2014 Ju</th> <th>n2015 Mar2016 Sep20</th> <th>117 Feb2019 Feb2020 Aug21</th> <th>022 Jun2024</th> <th></th>	GEO LD 15W40 ((22 LIR)	Jec2014 Ju	n2015 Mar2016 Sep20	117 Feb2019 Feb2020 Aug21	022 Jun2024	
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Nitration Abs/cm ASTM D7624* >20 16.8 13.2 12.9	INFRA-RED			limit/base	current	history1	history2
		%	ASTM D7844*		0	0	0
Sulfation Abs/.1mm ASTM D7415* >30 27.9 25.0 26.5	Nitration	Abs/cm	ASTM D7624*	>20	16.8	13.2	12.9
	Sulfation	Abs/.1mm	ASTM D7415*	>30	27.9	25.0	26.5

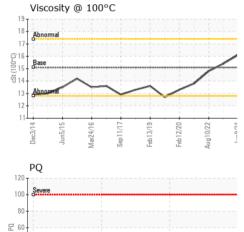


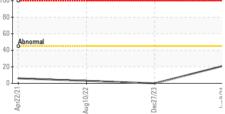
OIL ANALYSIS REPORT

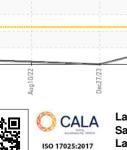




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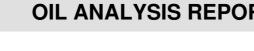


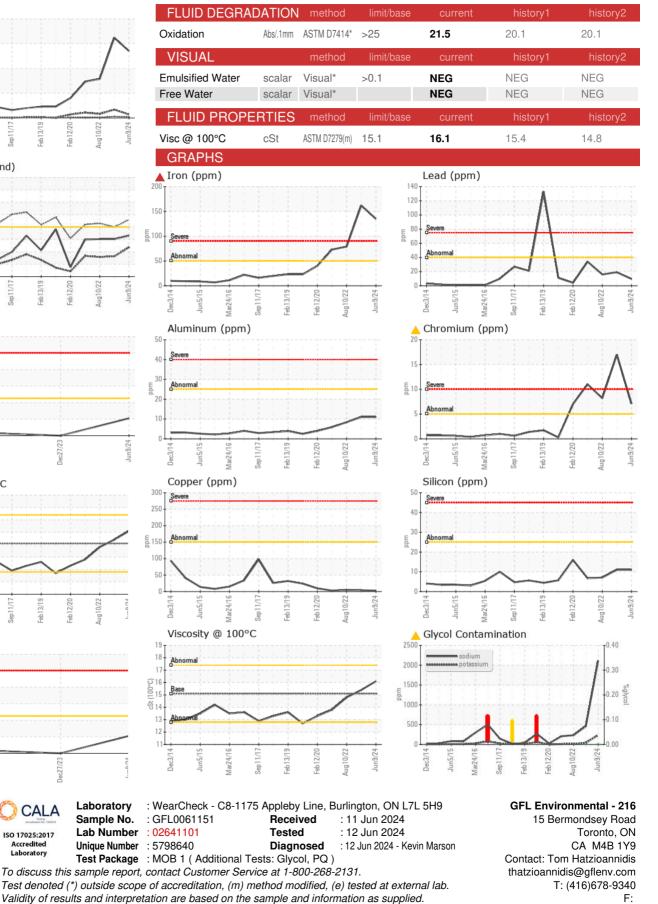




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Submitted By: Tom Hatzioannidis

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