

OIL ANALYSIS REPORT

KDAC Machine Id 200251

Component **Diesel Engine**

PETRO CANADA DURON SHP 10W30 (40 LTR)

Sample Rating Trend



Recommendation Resample at the ne

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil

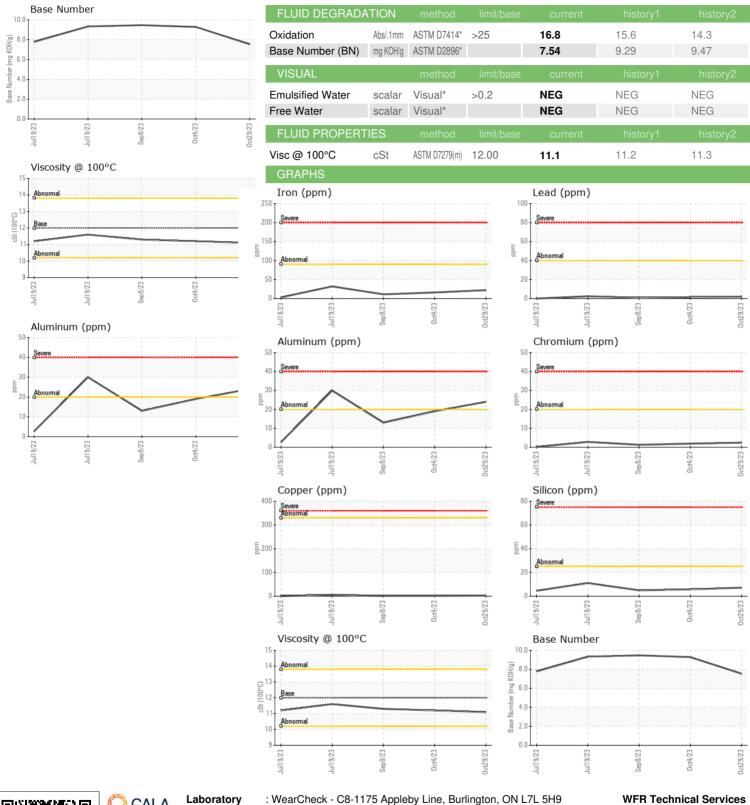
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Number Client Info WC0864675 WC0864673 WC088 Sample Date Client Info 29 Oct 2023 04 Oct 2023 08 Sep Machine Age kms Client Info 163663 155633 140108 Oil Age kms Client Info 45068 37038 21513 Oil Changed Client Info Not Changd Nor Ch	
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Sample Status	
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Fuel	AL
Select	tory2
VEAR METALS	
Iron	ì
Chromium ppm ASTM D5185(m) >20 2 2 1 Nickel ppm ASTM D5185(m) >2 <1	tory2
Nickel	
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Lithium ppm ASTM D5185(m) <1 <1 <1	2
	1
CONTAMINANTS method limit/base current history1 his	
	tory2
Silicon ppm ASTM D5185(m) >25 7 6 5	
Sodium ppm ASTM D5185(m) 3 2 2	
Potassium ppm ASTM D5185(m) >20 50 38 25	
INFRA-RED method limit/base current history1 his	tory2
Soot % % ASTM D7844* >6 0.2 0.2 0.1	
Nitration Abs/cm ASTM D7624* >20 8.8 7.8 6.6	
Sulfation Abs/.1mm ASTM D7415* >30 20.1 19.7 18.5	



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number Test Package : MOB 2

: 02592895

: WC0864675 : 5669974

Received : 31 Oct 2023 : 01 Nov 2023 Diagnosed Diagnostician

: Wes Davis

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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Submitted By: William Ridley