

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 727099-361672

Component Diesel Engine

Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

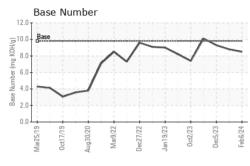
Fluid Condition

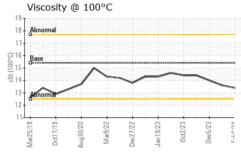
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Number Client Info GFL0109201 GFL0098329 GFL009 Sample Date Client Info 06 Feb 2024 04 Jan 2024 05 Dec 3 Machine Age hrs Client Info 6581 6433 6237 Oil Age hrs Client Info 600 700 700 Oil Age hrs Client Info 600 700 700 Oil Changed Client Info Changed Not Changed Not Changed Not Changed Sample Status NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 hist Fuel WC Method >5 <1.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG WEAR METALS method limit/base current history1 hist Iron ppm ASTM D5185m<>100 0 22 22 22 Chromium <	
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Silicon ppm ASTM D5185m >25 1 4 4	
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Potassium ppm ASTM D5185m >20 <1	
	ory2
Soot % % *ASTM D7844 >3 0.3 1 1.3	
Nitration Abs/cm *ASTM D7624 >20 6.3 9.2 9.7	
Sulfation Abs/.1mm *ASTM D7415 >30 18.4 20.6 21.4	
	ory2
Oxidation Abs/.1mm *ASTM D7414 >25 14.1 15.9 16.3	
Base Number (BN) mg KOH/g ASTM D2896 9.8 8.5 8.8 9.3	

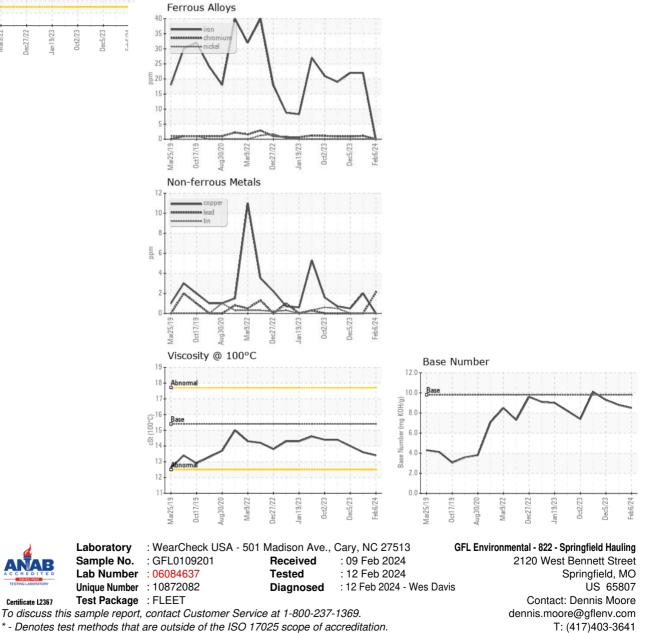


OIL ANALYSIS REPORT





VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.4	13.6	14.0
GRAPHS						



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Certificate L2367

Submitted By: Dennis Moore

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