

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id **4610M** Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (36 QTS)

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.

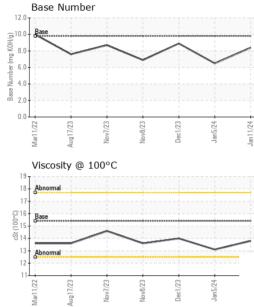
Fluid Condition

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

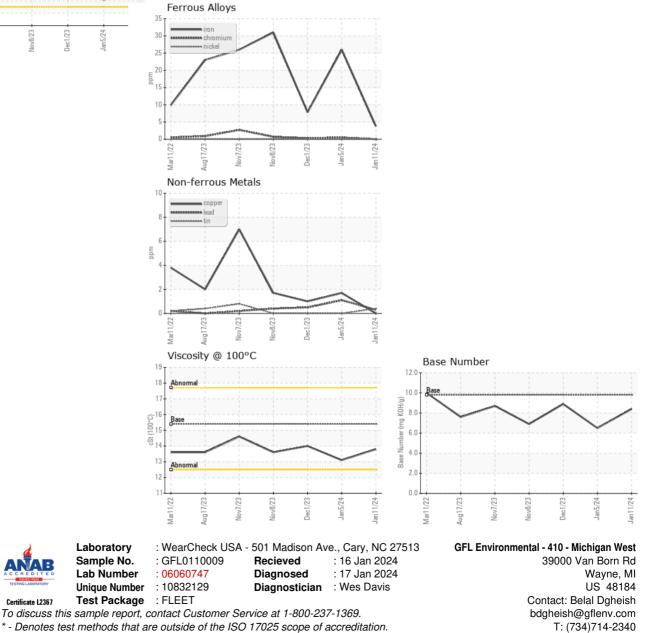
Sample NumberClient InfoGFL0110009GFL0104184GFL0100Sample DateClient Info11 Jan 202405 Jan 202401 Dec 2Machine AgehrsClient Info217832174921488Oil AgehrsClient Info217832174921488Oil ChangedClient InfoChangedN/AChangedSample StatusNORMALNORMALNORMALNORMAL	4390
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Oil Changed Client Info Changed N/A Changed	
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Sample Status	k
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CONTAMINATION method limit/base current history1 histo	ory2
Fuel WC Method >3.0 <1.0 <1.0 <1.0	
Water WC Method >0.2 NEG NEG NEG	
Glycol WC Method NEG NEG NEG	
WEAR METALS method limit/base current history1 histo	ory2
Iron ppm ASTM D5185m >90 4 26 8	
Chromium ppm ASTM D5185m >20 0 <1 <1	
Nickel ppm ASTM D5185m >2 0 0 0	
Titanium ppm ASTM D5185m >2 0 0 6	
Silver ppm ASTM D5185m >2 0 0 0	
Aluminum ppm ASTM D5185m >20 2 4 2	
Lead ppm ASTM D5185m >40 <1 1 <1	
Copper ppm ASTM D5185m >330 0 2 1	
Tin ppm ASTM D5185m >15 <1 0 0	
Vanadium ppm ASTM D5185m 0 0 0	
Cadmium ppm ASTM D5185m 0 <1	
ADDITIVES method limit/base current history1 histo	ory2
Boron ppm ASTM D5185m 0 3 0 146	
Barium ppm ASTM D5185m 0 0 0 0 0	
Molybdenum ppm ASTM D5185m 60 57 55 91	
Molybdenum ppm ASIM D5185m 60 57 55 91 Manganese ppm ASIM D5185m 0 <1	
Manganese ppm ASTM D5185m 0 <1	
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Manganese ppm ASTM D5185m 0 <1	pry2
Manganese ppm ASTM D5185m 0 <1	pry2



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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	13.8	13.1	14.0
GRAPHS						



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