

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 811045

Component **Diesel Engine**

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

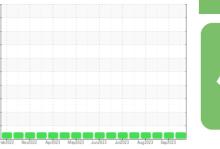
All component wear rates are normal.

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.

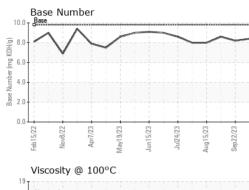


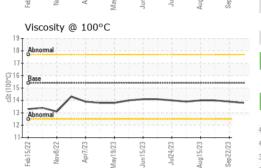


	istory2
Sample Date Client Info 13 Oct 2023 22 Sep 2023 01 Set	091000
	ep 2023
Machine Age hrs Client Info 5989 5838 6140	
Oil Age hrs Client Info 0 0	
Oil Changed Client Info Changed Changed Changed	ged
Sample Status NORMAL NORMAL NORMAL	MAL
CONTAMINATION method limit/base current history1 h	istory2
Fuel WC Method >5 <1.0 <1.0 <1.0	.0
Glycol WC Method NEG NEG NE	G
WEAR METALS method limit/base current history1 h	iistory2
Iron ppm ASTM D5185m >100 22 15 8	
Chromium ppm ASTM D5185m >20 2 <1 <1	
Nickel ppm ASTM D5185m >4 <1 0 0	
Titanium ppm ASTM D5185m <1	
Silver ppm ASTM D5185m >3 0 0 0	
Aluminum ppm ASTM D5185m >20 6 2 2	
Lead ppm ASTM D5185m >40 0 0	
Copper ppm ASTM D5185m >330 <1	
Tin ppm ASTM D5185m >15 0 <1 <1	
Vanadium ppm ASTM D5185m 0 0 0	
Cadmium ppm ASTM D5185m 0	
ADDITIVES method limit/base current history1 h	istory2
Boron ppm ASTM D5185m 0 2 4 4	
Barium ppm ASTM D5185m 0 0 <1	
Barium ppm ASTM D5185m 0 0 <1	
The second	
Molybdenum ppm ASTM D5185m 60 64 66 63	
Molybdenum ppm ASTM D5185m 60 64 66 63 Manganese ppm ASTM D5185m 0 0 0 <1	3
Molybdenum ppm ASTM D5185m 60 64 66 63 Manganese ppm ASTM D5185m 0 0 0 <1	3 08
Molybdenum ppm ASTM D5185m 60 64 66 63 Manganese ppm ASTM D5185m 0 0 0 <1	3 08 01
Molybdenum ppm ASTM D5185m 60 64 66 63 Manganese ppm ASTM D5185m 0 0 0 <1	3 08 01 10
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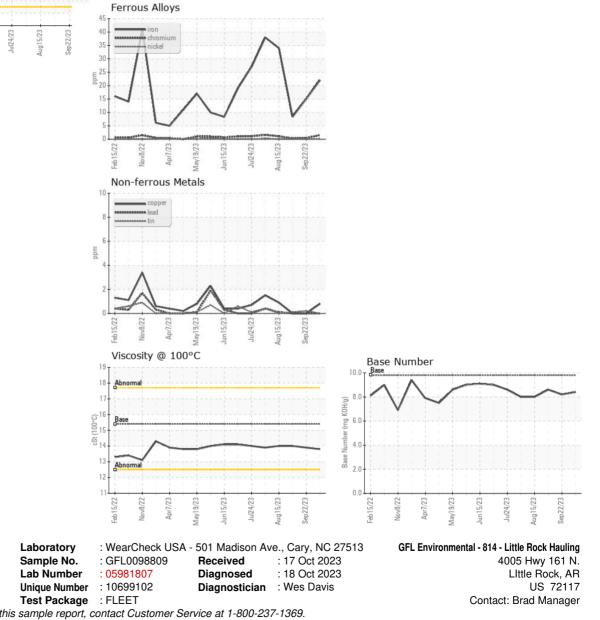


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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*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	13.9	14.0
GRAPHS						





To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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