

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 821021 Component

Diesel Engine

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

					Jun2023 Dec20	23	
Sample Date Client Info 11 Dec 2023 60 (Age 21 Jun 2023 bit Client Info 0627 60 (Z 5052 5052 4472 4472 Oil Changed Ins Client Info 0 0 4472 Oil Changed Client Info 0 0 4472 Oil Changed Client Info 0 0 4472 Oil Changed Client Info 0 0 4472 CONTAMUNATION method imm/bbase current history1 history2 Fuel WC Method >3.0 <1.0 <1.0 <1.0 <1.0 Water WC Method >2.0 NEG NEG NEG Iron ppm ASTM DS185m >2.0 0 0 0 Silver ppm ASTM DS185m >2.0 0 0 0 Aluminum ppm ASTM DS185m >2.0 0 0 0 Silver ppm ASTM DS185m >2.0 0 0 0 Silver	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
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Oli Changed Sample Status Client Info Changed ATTENTION Changed NORMAL Changed NORMAL Changed NORMAL NORMAL CONTAMINATION method Imit/base current history1 history2 Fuel WC Method >0.2 NEG NEG NEG Wear WC Method >0.2 NEG NEG NEG Iron ppm ASTMD5185m >120 11 10 9 Chromium ppm ASTMD5185m >20 <1	Oil Age	hrs	Client Info		0	0	4472
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Soot % % *ASTM D7844 >4 0.9 0.5 0.6 Nitration Abs/cm *ASTM D7624 >20 9.9 8.6 9.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.8 19.1 20.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.7 14.8 15.7	Glycol	%	*ASTM D2982		NEG	NEG	NEG
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Oxidation Abs/.1mm *ASTM D7414 >25 16.7 14.8 15.7							
	FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
	O distantia a	Abc/1mm	*ASTM D7/1/	> 25	16 7	1/ 0	15 7
	Oxidation	AUS/.IIIIIII	A31W D7414	225	10.7	14.0	13.7

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

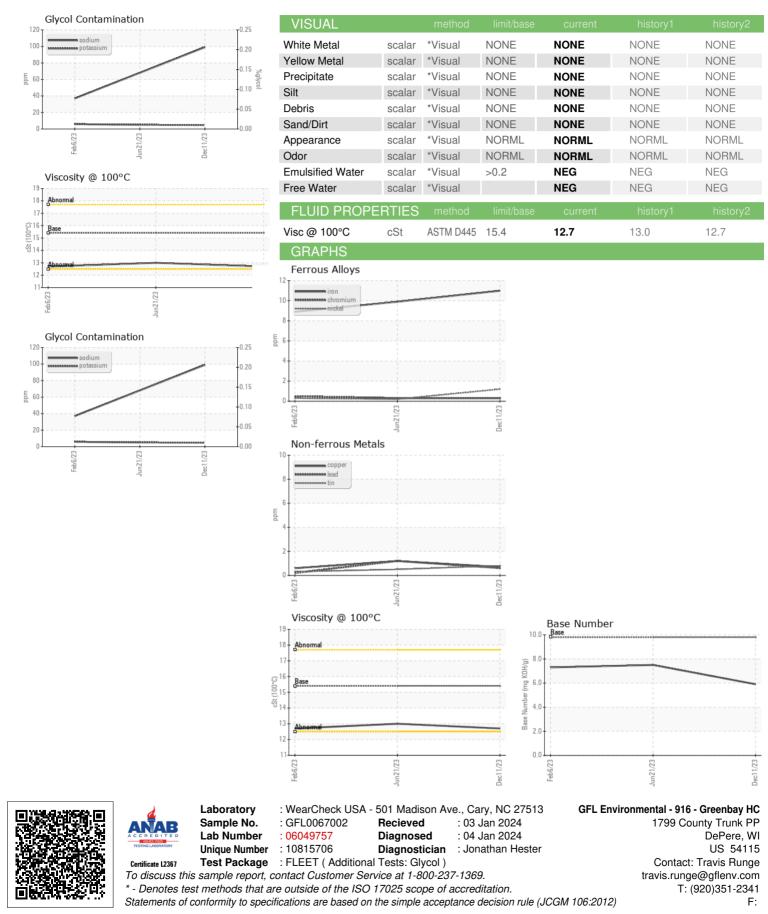
Sodium and/or potassium levels are high. Test for glycol is negative.

Fluid Condition

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



OIL ANALYSIS REPORT



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