

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id 829022-1073

Component Diesel Engine

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

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.

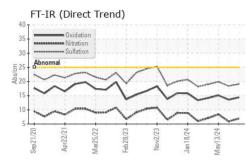
Fluid Condition

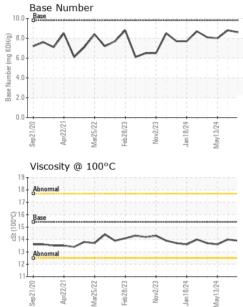
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

- Provide and the second se	history2
	0116600
Sample Date Client Info 25 Jun 2024 27 May 2024 13 M	ay 2024
Machine Age hrs Client Info 15077 14887 1479	
Oil Age hrs Client Info 14985 92 1450	7
Oil Changed Client Info Not Changd Not Changd Chan	
Sample Status NORMAL NORMAL NOR	MAL
CONTAMINATION method limit/base current history1 h	nistory2
Fuel WC Method >5 <1.0	.0
Water WC Method >0.2 NEG NEG NEG	EG
Glycol WC Method NEG NEG NE	EG
WEAR METALS method limit/base current history1 h	history2
Iron ppm ASTM D5185m >110 8 5 14	ŀ
Chromium ppm ASTM D5185m >4 <1	
Nickel ppm ASTM D5185m >2 <1	
Titanium ppm ASTM D5185m <1	
Silver ppm ASTM D5185m >2 0 0 0	
Aluminum ppm ASTM D5185m >25 4 2 2	
Lead ppm ASTM D5185m >45 <1 <1	
Copper ppm ASTM D5185m >85 <1	
Tin ppm ASTM D5185m >4 <1	
Vanadium ppm ASTM D5185m <1	
Cadmium ppm ASTM D5185m 0 0 0	
ADDITIVES method limit/base current history1 h	nistory2
Boron ppm ASTM D5185m 0 19 30 7	
Barium ppm ASTM D5185m 0	
Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 60 58 57 58	3
Molybdenum ppm ASTM D5185m 60 58 57 58 Manganese ppm ASTM D5185m 0 <1	
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Molybdenum ppm ASTM D5185m 60 58 57 58 Manganese ppm ASTM D5185m 0 <1)12 225
Molybdenum ppm ASTM D5185m 60 58 57 58 Manganese ppm ASTM D5185m 0 <1)12 225)88
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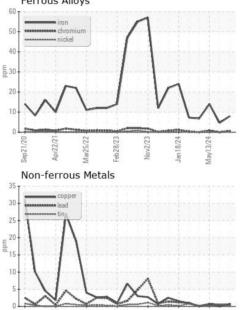
OIL ANALYSIS REPORT

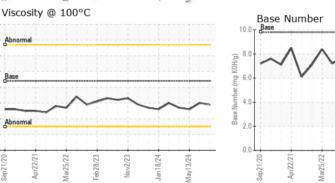




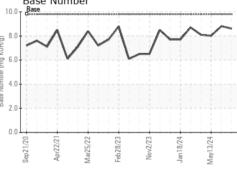
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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	13.9	14.0	13.6
GRAPHS						

Ferrous Alloys





Aay13/24



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 GFL Environmental - 652 - Fredericksburg Hauling Sample No. : GFL0122012 Received : 27 Jun 2024 10954 Houser Drive Lab Number : 06222181 Tested : 28 Jun 2024 Fredericksburg, VA US 22408 Unique Number : 11100378 Diagnosed : 28 Jun 2024 - Wes Davis Test Package : FLEET Contact: WILLIAM MILO Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. wmilo@gflenv.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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