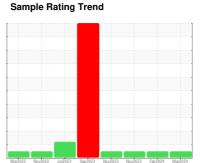


OIL ANALYSIS REPORT







Machine Id **4554M** Component **Diesel Engine**

PETRO CANADA DURON HP 15W40 (36 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

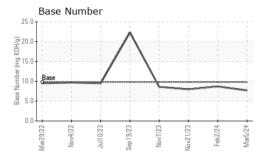
Fluid Condition

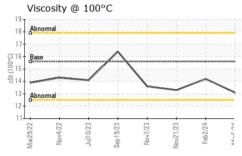
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Number Client Info GFL0104334 GFL0110083 GFL005 Sample Date Client Info 05 Mar 2024 02 Feb 2024 21 Nov Machine Age hrs Client Info 23161 22960 22550								
Sample Date	tory2							
Sample Date	59289							
Machine Age hrs Client Info 23161 22960 22550 Oil Age hrs Client Info 600 600 21488 Oil Changed Client Info Changed	2023							
Oil Changed Sample Status Client Info Changed NORMAL Change NoRMAL								
Oil Changed Sample Status Client Info Changed NORMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAL Change NoRMAD								
Sample Status	ed							
Fuel	٦L							
Water WC Method >0.2 NEG NEG NEG Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 hist Iron ppm ASTM D5185m >5 17 10 9 Chromium ppm ASTM D5185m >5 <1	tory2							
Section WC Method Simily Simil								
VEAR METALS								
Iron								
Chromium ppm ASTM D5185m >5 <1 <1 <1 Nickel ppm ASTM D5185m >4 <1	tory2							
Nickel ppm ASTM D5185m >4 <1 0 0 Titanium ppm ASTM D5185m >2 0 0 <1								
Titanium ppm ASTM D5185m >2 0 0 <1 Silver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >15 2 2 4 Lead ppm ASTM D5185m >25 <1								
Silver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >15 2 2 4 Lead ppm ASTM D5185m >25 <1 0 0 Copper ppm ASTM D5185m >100 <1 0 12 Tin ppm ASTM D5185m >4 <1 0 <1 Vanadium ppm ASTM D5185m <1 0 <1 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 hist Boron ppm ASTM D5185m 1 2 3 Barium ppm ASTM D5185m 0 5 0 Molybdenum ppm ASTM D5185m 52 56 52 Manganesie ppm ASTM D5185m 862 896 801 Calcium ppm ASTM D5185m								
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Sodium ppm ASTM D5185m 12 0 4	tory2							
Potassium ppm ASTM D5185m >20 3 2 3								
INFRA-RED method limit/base current history1 hist	tory2							
Soot %								
Nitration Abs/cm *ASTM D7624 >20 10.3 4.5 5.3								
Sulfation Abs/.1mm *ASTM D7415 >30 20.5 17.8 18.7								
FLUID DEGRADATION method limit/base current history1 history2								
Oxidation Abs/.1mm *ASTM D7414 >25 18.8 13.1 14.2								
Base Number (BN) mg KOH/g ASTM D2896 9.8 7.7 8.7 8.0								



OIL ANALYSIS REPORT

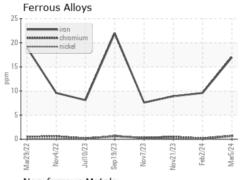


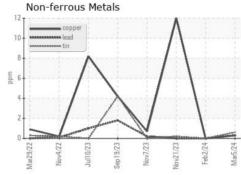


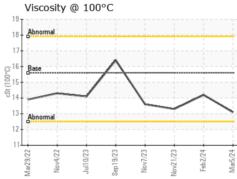
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

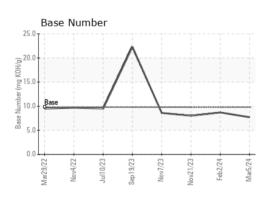
FLUID PROPE	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.6	13.1	14.2	13.3

GRAPHS













Certificate L2367

Laboratory Sample No.

Lab Number : 06112682 Unique Number: 10916179

: GFL0104334

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Mar 2024 **Tested** : 11 Mar 2024

Diagnosed : 11 Mar 2024 - Wes Davis

GFL Environmental - 410 - Michigan West

39000 Van Born Rd Wayne, MI US 48184

Contact: Belal Dgheish bdgheish@gflenv.com T: (734)714-2340

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)