

OIL ANALYSIS REPORT



Machine Id
434M
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.

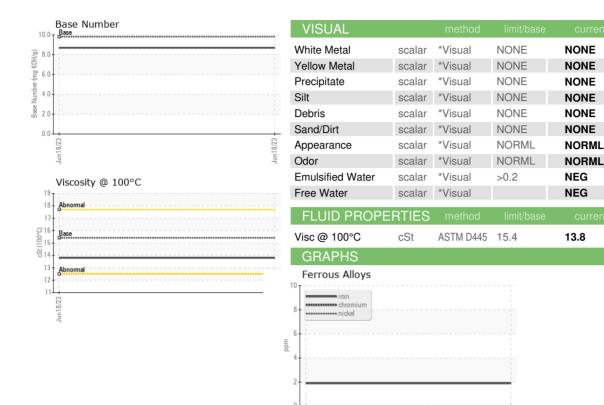
Fluid Condition

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

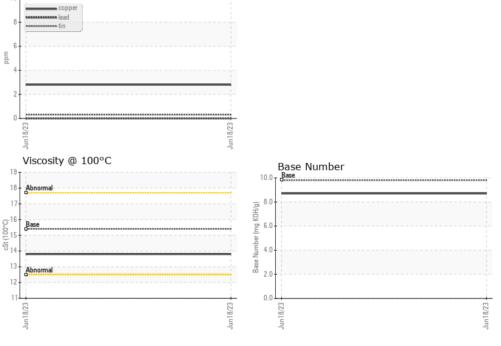
Sample Number Client Info GFL0069808 Sample Date Client Info 18 Jun 2023 Machine Age hrs Client Info 38046 Oil Age hrs Client Info 600 Oil Changed Client Info Changed Sample Status NORMAL	istory2
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CONTAMINATION method limit/base current history1 h	
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Fuel WC Method >5 <1.0	istory2
Glycol WC Method NEG	
WEAR METALS method limit/base current history1 h	istory2
Iron ppm ASTM D5185m >100 2	
Chromium ppm ASTM D5185m >20 0	
Nickel ppm ASTM D5185m >4 0	
Titanium ppm ASTM D5185m 0	
Silver ppm ASTM D5185m >3 0	
Aluminum ppm ASTM D5185m >20 6	
Lead ppm ASTM D5185m >40 0	
Copper ppm ASTM D5185m >330 3	
Tin ppm ASTM D5185m >15 <1	
Vanadium ppm ASTM D5185m 0	
Cadmium ppm ASTM D5185m 0	
ADDITIVES method limit/base current history1 h	istory2
Boron ppm ASTM D5185m 0 6	
Barium ppm ASTM D5185m 0	
Molybdenum ppm ASTM D5185m 60 55	
Manganese ppm ASTM D5185m 0 <1	
Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 1010 952	
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Magnesium ppm ASTM D5185m 1010 952 Calcium ppm ASTM D5185m 1070 1038	
Magnesium ppm ASTM D5185m 1010 952 Calcium ppm ASTM D5185m 1070 1038 Phosphorus ppm ASTM D5185m 1150 1084	
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OIL ANALYSIS REPORT



Non-ferrous Metals







Laboratory Sample No. Lab Number Unique Number Test Package : FLEET

: GFL0069808 : 05984423 : 10701718

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 20 Oct 2023 Diagnosed : 20 Oct 2023 : Wes Davis Diagnostician

GFL Environmental - 418 - Metro/MI East 22001 Hoover Dr

Warren, MI US 48089 Contact: JIM HESS

jhess@gflenv.com T:

* - 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)

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