

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 920048

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.

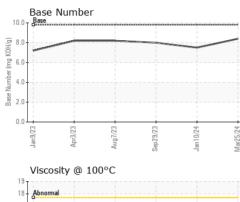
Fluid Condition

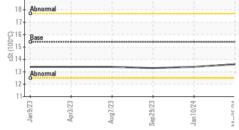
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Number Client Info GFL0112979 GFL0108405 GFL0084552 Sample Date I Client Info 25 Mar 2024 10 Jan 2024 29 Sep 2023 Machine Age hrs Client Info 8303 7915 7316 Dil Age hrs Client Info 8303 7915 7316 Dil Changed Client Info 8303 7915 7316 Dil Changed Client Info Changed Changed Changed Sample Status Imit/Dase current history1 history2 Fuel WC Method 5.5 <1.0 <1.0 <1.0 Water WC Method 5.2 <1.0 <1.0 <1.0 Water WC Method 5.2 <1.0 <1.0 <1.0 Wetar WC Method 5.2 <1.0 <1.0 <1.0 Silvor ppm ASTM D5185m >110 10 15 15 Chromium ppm ASTM 05185m >2 0
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Silicon ppm ASTM D5185m >30 5 4 4
Sodium ppm ASTM D5185m 9 10 <1
Potassium ppm ASTM D5185m >20 5 6 17
INFRA-RED method limit/base current history1 history2
Soot % % *ASTM D7844 >3 0.3 0.5 0.4
Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 7.4
Sulfation Abs/.1mm *ASTM D7415 >30 18.7 19.6 18.6
FLUID DEGRADATION method limit/base current history1 history2
Dxidation Abs/.1mm *ASTM D7414 >25 14.8 15.8 14.5



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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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