

Machine Id 927071-223253 Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

RECOMMENDATION

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

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All component wear rates are normal.

CONTAMINATION

There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

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The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Sample Date Client Info 02 Apr 2024 20 Mar 2024 13 Mar 202 Machine Age mls Client Info 0 0 0 Oil Changed Client Info 0 0 0 0 Filter Age mls Client Info Not Changed Changed N/A Filter Changed Client Info Not Changed Changed N/A Filter Changed Client Info Not Changed Changed N/A Sample Status SEVERE SEVERE ABNORMA Iron ppm ASTM D5185m >100 64 52 36 Chromium ppm ASTM D5185m >20 3 4 4 Silver ppm ASTM D5185m >20 3 4 3 Lead ppm ASTM D5185m >20 3 4 4 Copper ppm ASTM D5185m >20 1 3 2 Vanadium ppm ASTM D5185m >25							
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Silver ppm ASTM D5185m >3 0 0 <1	Nickel	ppm	ASTM D5185m	>4	1	3	2
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Oxidation Abs/.1mm *ASTM D7414 >25 21.0 19.7 16.9							
Base Number (BN) mg KOH/g ASTM D2896 9.8 5.8 6.1 7.5							
Visc @ 100°C cSt ASTM D445 15.4 ▲ 9.8 ▲ 9.9 ▲ 10.0	()						

