

OIL ANALYSIS REPORT



Machine Id

1922306

Diesel Engine Fluid PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

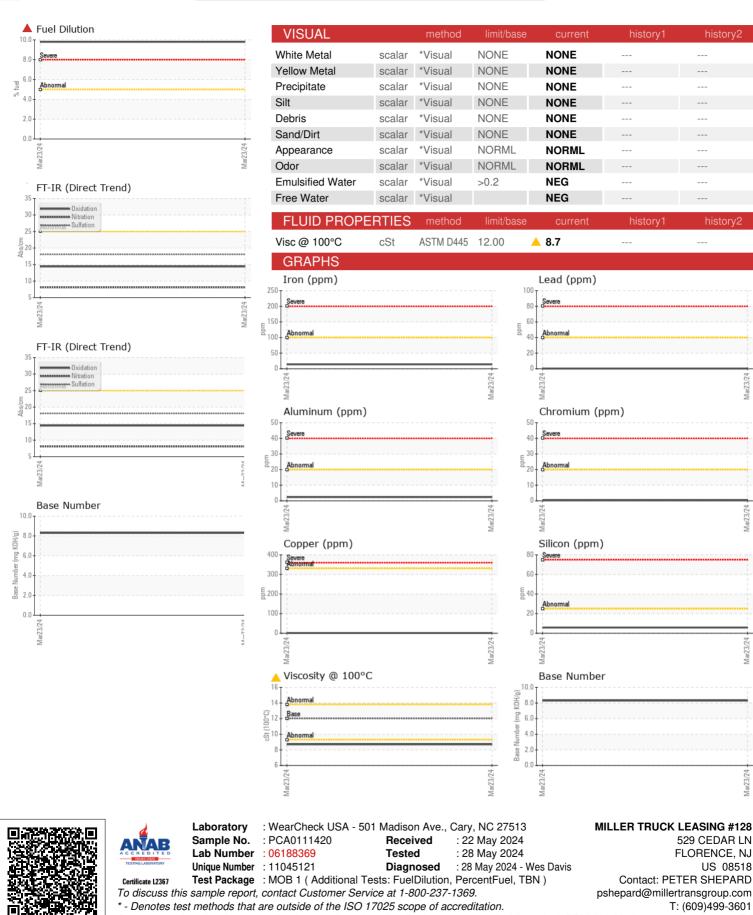
Contamination

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

Fluid Condition

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

Sample Number Client Info 23 Mar 2024 Sample Date Client Info 23 Mar 2024 Machine Age mis Client Info 3860 Oll Age mis Client Info 3860 Oll Changed Client Info SEVERE CONTAMINATION method Imit/base current history history Water WC Method >0.2 NEG WAT WC Method >0.2 NEG WEAR METALS wort Method >0.2 NEG Nickel ppm ASTM 051555 >4 0 Nickel ppm ASTM 051555 >3 <1 Auminum ppm ASTM 051555 >30 1 Auminum ppm ASTM 051555 >30 1 Auminum ppm ASTM 051555 <t< th=""><th>SAMPLE INFOR</th><th>MATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2	
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Base Number (BN) mg KOH/g ASTM D2896 8.3	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	<pre>ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm</pre>	ASTM D5185m ASTM D51854	2 0 50 950 1050 995 1180 2600 limit/base >25 >20 >5 limit/base >3 >20 >30	5 0 66 <1 856 1097 975 1140 3223 current 6 3 2 2 9.8 current 0.4 8.1 18.1			
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OIL ANALYSIS REPORT

* - 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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OIL

DIAGNOSTICS

Contact/Location: PETER SHEPARD - MILFLO

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