

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.

PROBLEMAT	IC TES	T RESULT	S			
Sample Status				SEVERE	SEVERE	
Fuel	%	ASTM D3524	>5	.0 🛑	17.4	
Visc @ 100°C	cSt	ASTM D445	15.4	12.0	9 .7	

Customer Id: GFL952 Sample No.: GFL0093828 Lab Number: 06083273 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDE	DACTIONS			
Action	Status	Date	Done By	Description
Change Fluid			?	We recommend that you drain the oil from the component if this has not already been done.
Resample			?	We recommend an early resample to monitor this condition.
Check Fuel/injector System			?	We advise that you check the fuel injection system.

HISTORICAL DIAGNOSIS



16 Jan 2024 Diag: Don Baldridge



We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend you service the filters on this component. We recommend an early resample to monitor this condition.Cylinder, crank, or cam shaft wear is indicated. There is an abnormal amount of solids and carbon present in the oil. There is a high amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN level is low. The oil is no longer serviceable due to the presence of contaminants.





OIL ANALYSIS REPORT

Sample Rating Trend



Component Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (--- GAL)

Recommendation

DIAGNOSIS

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.

Machine Id 724020

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

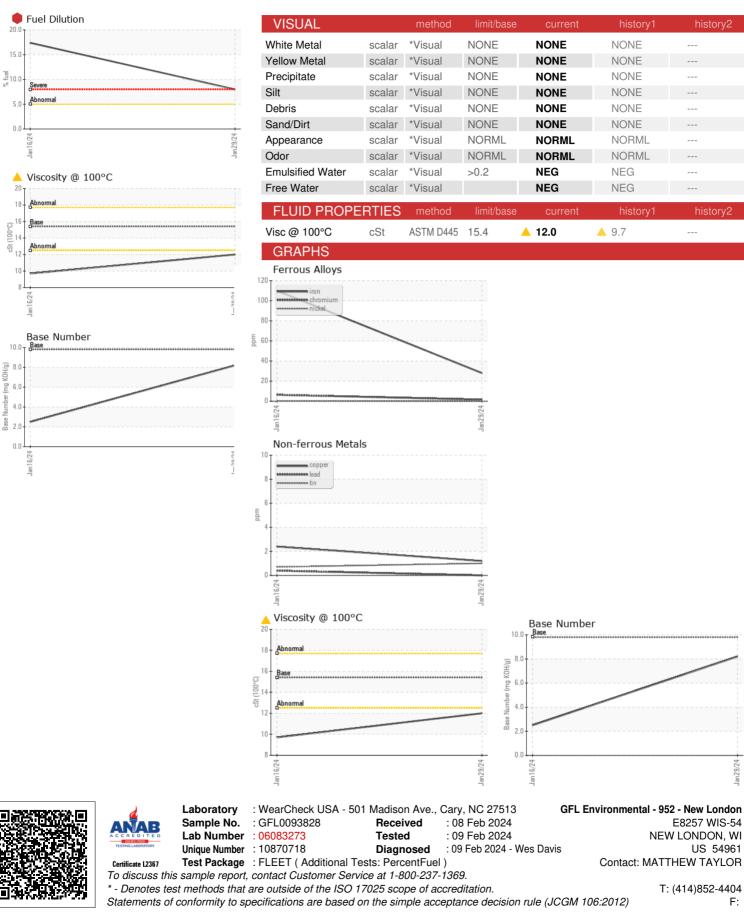
The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

WaterWC Method >0.2NEGNEGGlycolWC MethodNEGNEGWEAR METALSmethodlimit/basecurrenthistory1historIronppmASTM D5185m>8028110ChromiumppmASTM D5185m>526NickelppmASTM D5185m>20<1TitaniumppmASTM D5185m>300SilverppmASTM D5185m>3026	ory2 ory2
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Lead ppm ASTM D5185m >30 0 <1	
Copper ppm ASTM D5185m >150 1 2	
Tin ppm ASTM D5185m >5 1 <1	
Vanadium ppm ASTM D5185m <1 0	
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Boron ppm ASTM D5185m 0 1 2	
Barium ppm ASTM D5185m 0 0 0	
Molybdenum ppm ASTM D5185m 60 50 40	
Manganese ppm ASTM D5185m 0 <1	
Magnesium ppm ASTM D5185m 1010 780 655	
Calcium ppm ASTM D5185m 1070 849 679	
Phosphorus ppm ASTM D5185m 1150 871 612	
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OIL ANALYSIS REPORT



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