

RECOMMENDATION

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS								
Sample Status				SEVERE	NORMAL	ABNORMAL		
Fuel	%	ASTM D3524	>3.0	e 25.2	<1.0	<1.0		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	A 2.9	6.2	7.4		
Visc @ 100°C	cSt	ASTM D445	15.4	9.8	13.8	13.7		

Customer Id: GFL415 Sample No.: GFL0108833 Lab Number: 06057704 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Fluid			?	Oil and filter change at the time of sampling has been noted.		
Change Filter			?	Oil and filter change at the time of sampling has been noted.		
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



07 Dec 2023 Diag: Wes Davis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





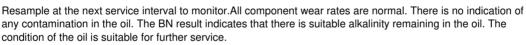
17 Nov 2023 Diag: Don Baldridge

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Valve wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



18 Aug 2023 Diag: Wes Davis

NORMAL





view report





OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 912023 Component

Diesel Engine

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

mpling has resample to Oil Age hrs Client Info 5804 5563 5392 Oil Age hrs Client Info 600 6392 4701 Oil Age Client Info Changed NChanged Changed Sample Status Client Info Changed NChanged ABNORMAL CONTAMINATION method Imitbase current History1 History2 Att in the oil. Water WC Method >0.2 NEG NEG NEG ing the is no longer Silvorian ppm ASTM05185m >20 61 21 19 Chromium ppm ASTM05185m >20 6 1 2 Iron ppm ASTM05185m >2 0 0 <1 2 Silver ppm ASTM05185m >2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </th <th></th> <th>· ·</th> <th>,</th> <th>Mar2023</th> <th>May2023 Aug202</th> <th>3 Nov2023 Dec2023</th> <th>Jan2024</th> <th></th>		· ·	,	Mar2023	May2023 Aug202	3 Nov2023 Dec2023	Jan2024	
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Soot % % *ASTM D7844 >4 0.8 1.1 1 Nitration Abs/cm *ASTM D7624 >20 15.6 9.2 8.9 Sulfation Abs/.1mm *ASTM D7415 >30 24.2 21.7 21.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 30.7 18.0 17.7		Fuel	%	ASTM D3524	>3.0	e 25.2	<1.0	<1.0
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Nitration Abs/cm *ASTM D7624 >20 15.6 9.2 8.9 Sulfation Abs/.1mm *ASTM D7415 >30 24.2 21.7 21.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 30.7 18.0 17.7		Soot %	%	*ASTM D7844	>4	0.8	1.1	1
Sulfation Abs/.1mm *ASTM D7415 >30 24.2 21.7 21.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 30.7 18.0 17.7								
FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2530.718.017.7								
Oxidation Abs/.1mm *ASTM D7414 >25 30.7 18.0 17.7			DAT <u>ION</u>	method	limi <u>t/base</u>		history1	history2
		Base Number (BN)				<u> </u>	6.2	7.4

DIAGNOSIS

Recommendation

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

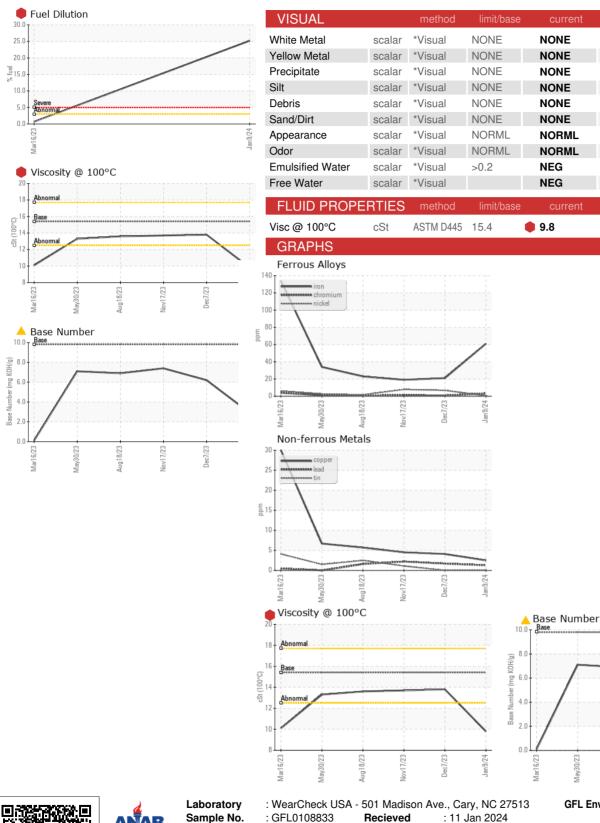
There is a high amount of fuel present in the oil.

Fluid Condition

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



GFL Environmental - 415 - Michigan East 6200 Elmridge Sterling Heights, MI US 48313 Contact: Frank Wolak fwolak@gflenv.com T: (586)825-9514 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Nov17/23

Aug18/23 -

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

13.8

history

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

13.7

Certificate L2367

Lab Number

Unique Number

: 06057704

: 10823653

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Diagnosed

Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel)

: 14 Jan 2024

Diagnostician : Don Baldridge

Submitted By: Frank Wolak

Dec7/23

lan9/24

Page 4 of 4