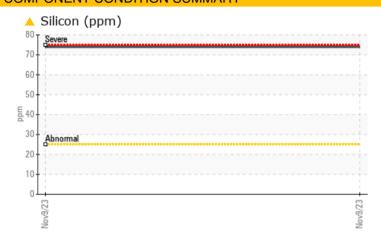
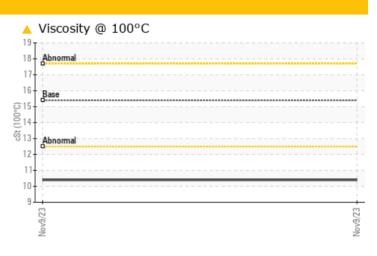




# COMPONENT CONDITION SUMMARY





DIRT

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMAT	IC TES	T RESULT	S		
Sample Status				ABNORMAL	 
Silicon	ppm	ASTM D5185m	>25	<u> </u>	 
Visc @ 100°C	cSt	ASTM D445	15.4	<b>10.4</b>	 

### Customer Id: GFL415 Sample No.: GFL0101566 Lab Number: 06005222 Test Package: FLEET

To manage this report scan the QR code

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

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

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



## **OIL ANALYSIS REPORT**

Sample Rating Trend

DIRT



Machine Id 714064 Component

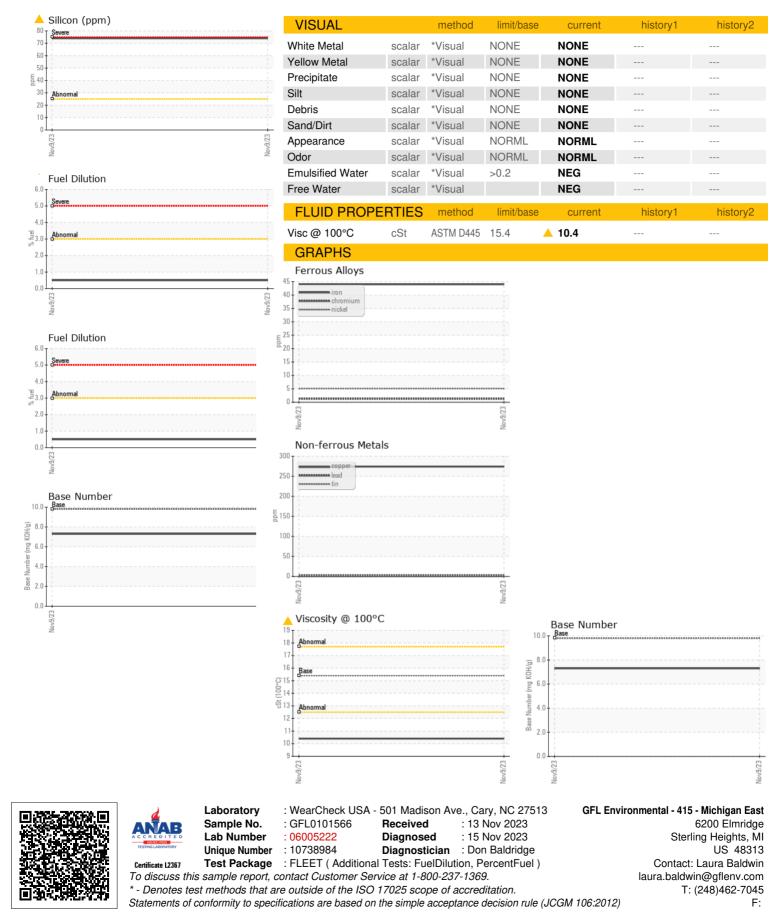
**Diesel Engine** 

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

FEINO CANADA DON	•				Nov2023		
DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		GFL0101566		
No corrective action is recommended at this time.	Sample Date		Client Info		09 Nov 2023		
Resample at the next service interval to monitor.	Machine Age	hrs	Client Info		803		
Vear	Oil Age	hrs	Client Info		0		
letal levels are typical for a new component	Oil Changed		Client Info		N/A		
preaking in.	Sample Status				ABNORMAL		
Contamination	CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel content negligible. Elemental level of silicon Si) above normal indicating ingress of seal naterial.	Glycol		WC Method		NEG		
Fluid Condition	WEAR METAL	S	method	limit/base	current	history1	history2
he oil viscosity is lower than normal. The BN result	Iron	ppm	ASTM D5185m	>120	44		
indicates that there is suitable alkalinity remaining in	Chromium	ppm	ASTM D5185m		1		
ne oil. Confirm oil type.	Nickel	ppm	ASTM D5185m		5		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m		1		
	Aluminum	ppm	ASTM D5185m	>20	11		
	Lead	ppm	ASTM D5185m	>40	<1		
	Copper	ppm	ASTM D5185m	>330	274		
	Tin	ppm	ASTM D5185m	>15	3		
	Vanadium	ppm	ASTM D5185m		<1		
	Cadmium	ppm	ASTM D5185m		<1		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	146		
	Barium	ppm	ASTM D5185m	0	<1		
	Molybdenum	ppm	ASTM D5185m	60	114		
	Manganese	ppm	ASTM D5185m	0	4		
	Magnesium	ppm	ASTM D5185m		722		
	Calcium	ppm	ASTM D5185m		1428		
	Phosphorus	ppm	ASTM D5185m		751		
	Zinc	ppm	ASTM D5185m		884		
	Sulfur	ppm	ASTM D5185m		2373		
	CONTAMINAN	TS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	<u> </u>		
	Sodium	ppm	ASTM D5185m		0		
	Potassium	ppm	ASTM D5185m	>20	32		
		a.(	ASTM D3524	>3.0	0.5		
	Fuel	%		, 0.0			
	Fuel	%	method	limit/base		history1	history2
				limit/base	current	history1	history2
	INFRA-RED Soot %	%	method *ASTM D7844	limit/base	current 0.6		
	INFRA-RED		method	limit/base >4 >20	current		
	INFRA-RED Soot % Nitration	% Abs/cm Abs/.1mm	method *ASTM D7844 *ASTM D7624 *ASTM D7415	limit/base >4 >20	current 0.6 10.0 24.0		
	INFRA-RED Soot % Nitration Sulfation	% Abs/cm Abs/.1mm	method *ASTM D7844 *ASTM D7624 *ASTM D7415 method	limit/base >4 >20 >30 limit/base	current 0.6 10.0 24.0		



# **OIL ANALYSIS REPORT**



Contact/Location: Laura Baldwin - GFL415