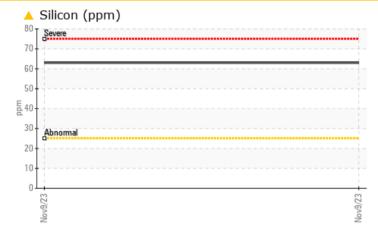


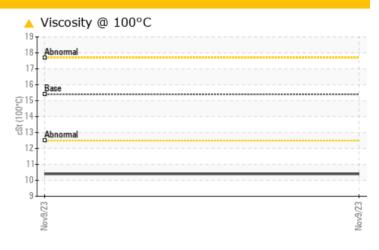
Sample Rating Trend
DIRT

Somponent Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

COMPONENT CONDITION SUMMARY

Machine Id





RECOMMENDATION

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

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

Customer Id: GFL415 Sample No.: GFL0101559 Lab Number: 06005223 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 914058 Component

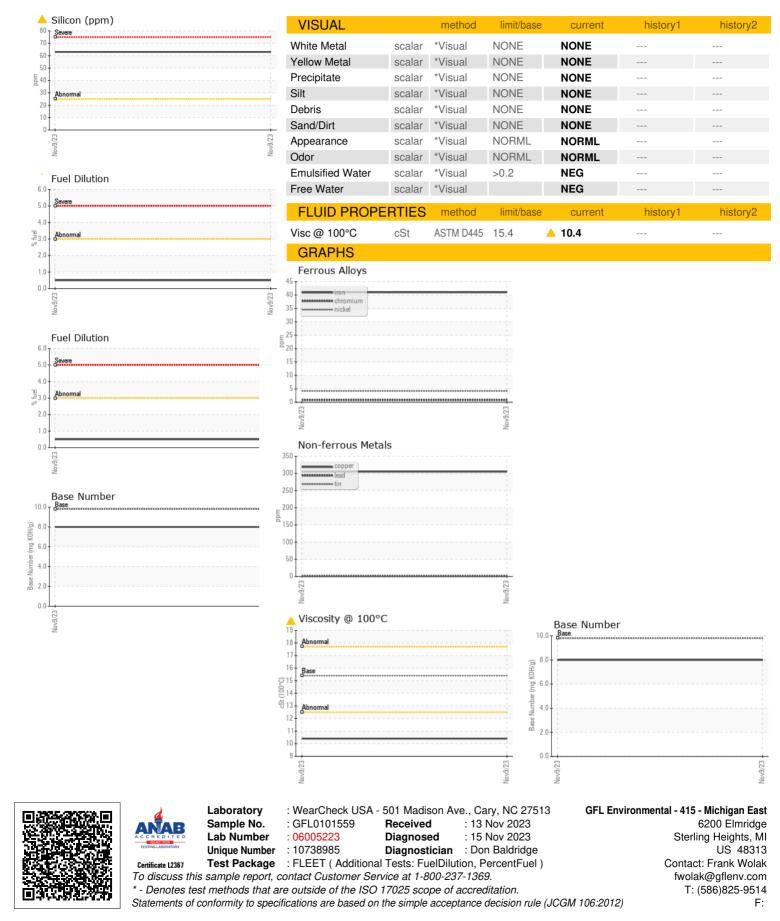
Diesel Engine

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

					Nov2023		
DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		GFL0101559		
lo 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		548		
Vear	Oil Age	hrs	Client Info		0		
letal levels are typical for a new component	Oil Changed		Client Info		N/A		
reaking in.	Sample Status				ABNORMAL		
Contamination	CONTAMINAT	ION	method	limit/base	current	history1	history2
uel 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	41		
dicates that there is suitable alkalinity remaining in	Chromium	ppm	ASTM D5185m		<1		
ne oil. Confirm oil type.	Nickel	ppm	ASTM D5185m		4		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m		1		
	Aluminum	ppm	ASTM D5185m	>20	4		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		305		
	Tin	ppm	ASTM D5185m		3		
	Vanadium	ppm	ASTM D5185m		<1		
	Cadmium	ppm	ASTM D5185m		<1		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	198		
	Barium	ppm	ASTM D5185m		<1		
	Molybdenum	ppm	ASTM D5185m		118		
	Manganese	ppm	ASTM D5185m		4		
	Magnesium	ppm	ASTM D5185m		714		
	Calcium	ppm	ASTM D5185m		1419		
	Phosphorus	ppm	ASTM D5185m		726		
	Zinc	ppm	ASTM D5185m		844		
	Sulfur	ppm	ASTM D5185m		2218		
	CONTAMINAN	ITS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	6 3		
		PP					
	Sodium	ppm	ASTM D5185m		0		
			ASTM D5185m ASTM D5185m	>20	0 8		
	Sodium	ppm					
	Sodium Potassium	ppm ppm	ASTM D5185m		8 0.5		
	Sodium Potassium Fuel INFRA-RED	ppm ppm %	ASTM D5185m ASTM D3524 method	>3.0 limit/base	8 0.5 current		
	Sodium Potassium Fuel INFRA-RED Soot %	ppm ppm %	ASTM D5185m ASTM D3524 method *ASTM D7844	>3.0 limit/base >4	8 0.5 current 0.5	 history1 	 history2
	Sodium Potassium Fuel INFRA-RED	ppm ppm %	ASTM D5185m ASTM D3524 method	>3.0 limit/base >4 >20	8 0.5 current	 history1	 history2
	Sodium Potassium Fuel INFRA-RED Soot % Nitration	ppm ppm % % Abs/cm Abs/.1mm	ASTM D5185m ASTM D3524 *ASTM D7844 *ASTM D7624 *ASTM D7415	>3.0 limit/base >4 >20	8 0.5 current 0.5 9.7 24.2	 history1 	 history2
	Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm ppm % Abs/cm Abs/cm Abs/1mm	ASTM D5185m ASTM D3524 *ASTM D7844 *ASTM D7624 *ASTM D7415	>3.0 limit/base >4 >20 >30 limit/base	8 0.5 current 0.5 9.7 24.2	 history1 	 history2



OIL ANALYSIS REPORT



Contact/Location: Frank Wolak - GFL415