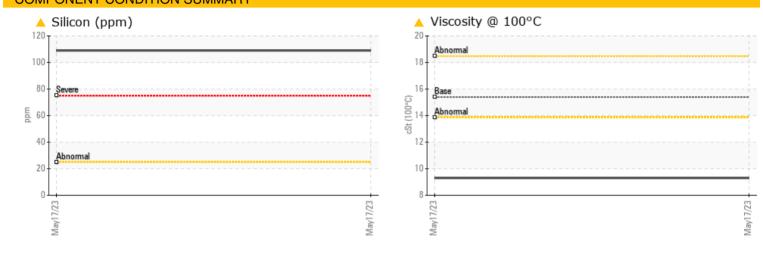


#### Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

### COMPONENT CONDITION SUMMARY

Machine Id 713014



#### RECOMMENDATION

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

PROBLEMA	IIC IES	I RESULT	S		
Sample Status				ABNORMAL	 
Silicon	ppm	ASTM D5185m	>25	<u> </u>	 
Visc @ 100°C	cSt	ASTM D445	15.4	<b>9.3</b>	 

#### Customer Id: GFL031 Sample No.: GFL0069790 Lab Number: 05852245 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 There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id 713014 Component

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

	SAMPLE INFOR		mothed	limit/hores	ourrent	history	bistow
DIAGNOSIS				limit/base		history1	history2
Recommendation	Sample Number		Client Info		GFL0069790		
o corrective action is recommended at this time. esample at the next service interval to monitor.	Sample Date		Client Info		17 May 2023		
•	Machine Age	hrs	Client Info		215		
ear	Oil Age	hrs	Client Info		215		
component wear rates are normal.	Oil Changed		Client Info		N/A		
Contamination	Sample Status				ABNORMAL		
iel content negligible. Elemental level of silicon i) above normal indicating ingress of seal	CONTAMINAT	ION	method	limit/base		history1	history2
aterial.	Glycol		WC Method		NEG		
Fluid Condition e oil viscosity is lower than normal. The BN result	WEAR METAL	S	method	limit/base	current	history1	history2
dicates that there is suitable alkalinity remaining in	Iron	ppm	ASTM D5185m	>120	22		
e oil. Confirm oil type.	Chromium	ppm	ASTM D5185m	>20	<1		
••	Nickel	ppm	ASTM D5185m		3		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m		<1		
	Aluminum	ppm	ASTM D5185m		7		
	Lead	ppm	ASTM D5185m	>40	<1		
	Copper	ppm	ASTM D5185m		13		
	Tin	ppm	ASTM D5185m		2		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		0		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	362		
	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m	60	124		
	Manganese	ppm	ASTM D5185m		4		
	Magnesium	ppm	ASTM D5185m	1010	611		
	Calcium	ppm	ASTM D5185m		1444		
	Phosphorus	ppm	ASTM D5185m	1150	662		
	Zinc	ppm			809		
	Sulfur	ppm	ASTM D5185m	2060	2288		
	CONTAMINAN	ITS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	<b>1</b> 09		
	Sodium	ppm	ASTM D5185m		<1		
			ASTM D5185m	00	19		
	Potassium	ppm	ASTIVI DJ TOJITI	>20	19		
		ppm %	ASTM D318514		0.4		
	Potassium				0.4		
	Potassium Fuel		ASTM D3524	>3.0 limit/base	0.4 current		
	Potassium Fuel INFRA-RED Soot %	%	ASTM D3524 method *ASTM D7844	>3.0 limit/base >4	0.4 current 0.1	 history1	 history2
	Potassium Fuel INFRA-RED	%	ASTM D3524 method	>3.0 limit/base >4 >20	0.4 current	 history1 	 history2
	Potassium Fuel INFRA-RED Soot % Nitration	% Abs/cm Abs/.1mm	ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7415	>3.0 limit/base >4 >20	0.4 current 0.1 7.7 25.7	 history1 	 history2 
	Potassium Fuel INFRA-RED Soot % Nitration Sulfation	% Abs/cm Abs/.1mm	ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7415	>3.0 limit/base >4 >20 >30 limit/base	0.4 current 0.1 7.7 25.7	 history1  	 history2  

DIRT



# **OIL ANALYSIS REPORT**

