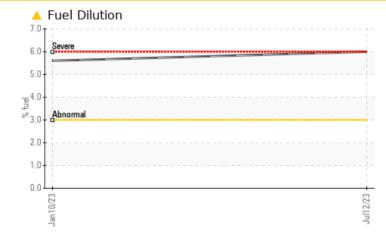


COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status				ABNORMAL	ABNORMAL	NORMAL	
Fuel	%	ASTM D3524	>3.0	<u> </u>	5 .6	<1.0	

Customer Id: GFL415 Sample No.: GFL0086637 Lab Number: 05898341 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

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.		
Check Fuel/injector System			?	We advise that you check the fuel injection system.		

HISTORICAL DIAGNOSIS



10 Jan 2023 Diag: Jonathan Hester

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.



05 May 2021 Diag: Don Baldridge



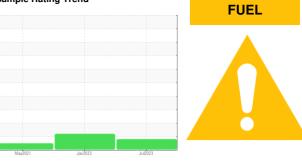
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id 4703M

Component **Diesel Engine** Fluid

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

						23	
DIAGNOSIS	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		GFL0086637	GFL0064035	GFL0018113
le advise that you check the fuel injection system.	Sample Date		Client Info		12 Jul 2023	10 Jan 2023	05 May 2021
I and filter change at the time of sampling has	Machine Age	mls	Client Info		10570	9123	4305
en noted. Resample at the next service interval	Oil Age	mls	Client Info		9123	4305	3195
nonitor.	Oil Changed		Client Info		Changed	Changed	Changed
ear component wear rates are normal.	Sample Status				ABNORMAL	ABNORMAL	NORMAL
Contamination	CONTAMINA	TION	method	limit/base	current	history1	history2
ere is a moderate amount of fuel present in the	Glycol		WC Method		NEG	NEG	NEG
id Condition	WEAR META	LS	method	limit/base	current	history1	history2
BN result indicates that there is suitable	Iron	ppm	ASTM D5185m	>75	51	39	45
linity remaining in the oil.	Chromium	ppm	ASTM D5185m	>5	2	1	2
	Nickel	ppm	ASTM D5185m		<1	<1	0
	Titanium	ppm	ASTM D5185m	>2	0	0	<1
	Silver	ppm	ASTM D5185m		0	0	<1
	Aluminum	ppm	ASTM D5185m		4	4	3
	Lead	ppm	ASTM D5185m		3	<1	<1
	Copper	ppm	ASTM D5185m		4	3	6
	Tin	ppm	ASTM D5185m		<1	<1	<1
	Antimony	ppm	ASTM D5185m	21			<1
	Vanadium	ppm	ASTM D5185m		<1	0	0
	Cadmium		ASTM D5185m		0	0	0
		ppm	ASTIVI DOTODIII		U	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	2	2	5
	Barium	ppm	ASTM D5185m	0	2	0	0
	Molybdenum	ppm	ASTM D5185m	60	55	58	61
	Manganese	ppm	ASTM D5185m	0	<1	<1	<1
	Magnesium	ppm	ASTM D5185m	1010	795	913	876
	Calcium	ppm	ASTM D5185m	1070	981	1046	1057
	Phosphorus	ppm	ASTM D5185m	1150	890	929	962
	Zinc	ppm	ASTM D5185m		1123	1220	1236
	Sulfur	ppm	ASTM D5185m		2695	3064	2387
	CONTAMINA	NTS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	4	5	5
	Sodium	ppm	ASTM D5185m		7	6	7
	Potassium	ppm	ASTM D5185m	>20	4	4	2
	Fuel	%	ASTM D3524	>3.0	<u> </u>	▲ 5.6	<1.0
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>6	1.2	0.8	0.9
	Nitration	Abs/cm	*ASTM D7624		16.7	10.8	11.3
	Sulfation		*ASTM D7415		29.2	21.6	24.6
	FLUID DEGRA		method	limit/base	current	history1	history2
	Oxidation		*ASTM D7414		38.1	20.9	21.5
	Onidation	103/.111111	101001414	~	50.1	20.0	21.0

Base Number (BN) mg KOH/g ASTM D2896 9.8

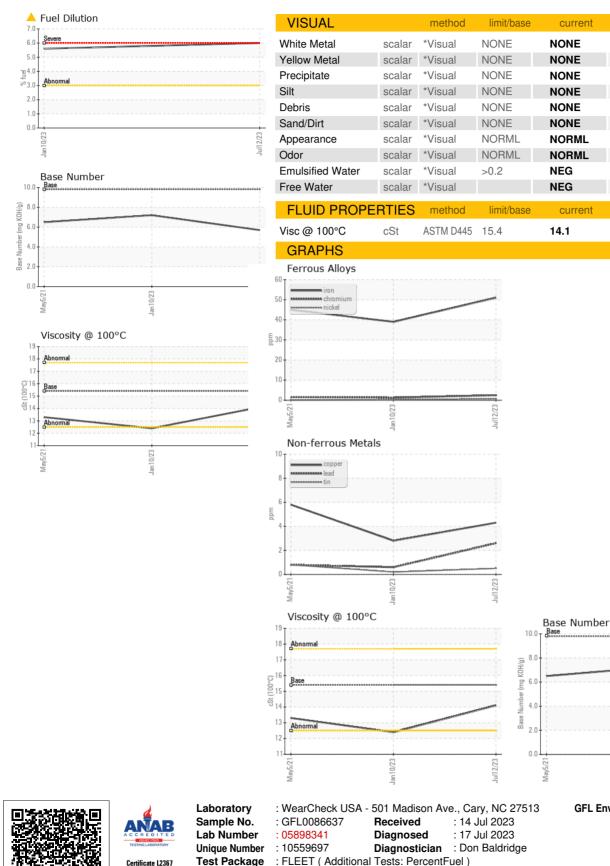
7.2

6.5

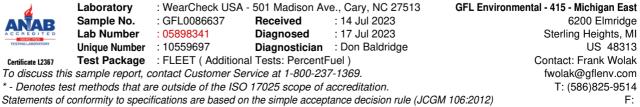
5.7



OIL ANALYSIS REPORT



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.



an,

history1

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

history

NEG

NEG

12.4

history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

histor

NEG

NEG

13.3

Certificate L2367