

RECOMMENDATION

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				ATTENTION		
Visc @ 100°C	cSt	ASTM D445	15.4	<u> </u>		

Customer Id: GFL927 Sample No.: GFL0060496 Lab Number: 05936011 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 <u>customerservice@wearcheck.com</u>

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.			

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



812104 Component **Diesel Engine** Fluid

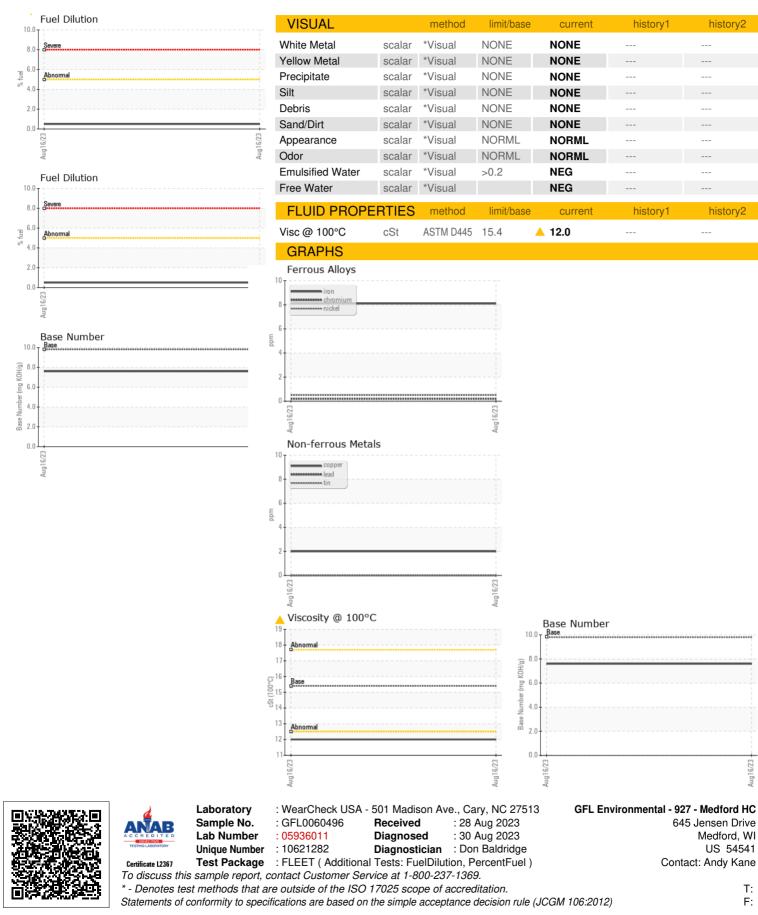
Machine Id

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

DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
A Recommendation	Sample Number		Client Info		GFL0060496		
Oil and filter change at the time of sampling has	Sample Date		Client Info		16 Aug 2023		
been noted. Resample at the next service interval	Machine Age	hrs	Client Info		3011		
to monitor.	Oil Age	hrs	Client Info		0		
Wear	Oil Changed		Client Info		Changed		
All component wear rates are normal.	Sample Status				ATTENTION		
Contamination Fuel content negligible. There is no indication of any contamination in the oil.	CONTAMINAT	ION	method	limit/base	current	history1	history2
	Glycol		WC Method		NEG		
Fluid Condition The oil viscosity is lower than normal. The BN result	WEAR METAL	.S	method	limit/base	current	history1	history2
indicates that there is suitable alkalinity remaining in	Iron	ppm	ASTM D5185m	>80	8		
he oil. Confirm oil type.	Chromium	ppm	ASTM D5185m	>5	<1		
	Nickel	ppm	ASTM D5185m	>2	<1		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	>3	0		
	Aluminum	ppm	ASTM D5185m	>30	<1		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m	>150	2		
	Tin	ppm	ASTM D5185m	>5	0		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		0		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	41		
	Barium	ppm	ASTM D5185m	0	0		
	Molybdenum	ppm	ASTM D5185m	60	18		
	Manganese	ppm	ASTM D5185m	0	<1		
	Magnesium	ppm	ASTM D5185m		95		
	Calcium	ppm	ASTM D5185m	1070	2414		
	Phosphorus	ppm	ASTM D5185m	1150	1025		
	Zinc	ppm	ASTM D5185m	1270	1208		
	Sulfur	ppm	ASTM D5185m	2060	4655		
	CONTAMINAN	ITS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>20	6		
	Sodium	ppm	ASTM D5185m		<1		
	Potassium	ppm	ASTM D5185m	>20	0		
	Fuel	%	ASTM D3524		0.5		
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>3	0.1		
	Nitration	Abs/cm	*ASTM D7624		5.3		
	Sulfation	Abs/.1mm	*ASTM D7624		16.2		
	FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
	FLUID DEGRA Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414	>25	current 10.1 7.6	history1	history2



OIL ANALYSIS REPORT



Contact/Location: See also GFL904, A, B, C, 927, 938 - Andy Kane - GFL927