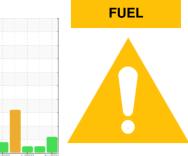


## **OIL ANALYSIS REPORT**

Sample Rating Trend



We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this

There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the

All component wear rates are normal.

DIAGNOSIS

Contamination

Fluid Condition

presence of contaminants.

condition. Wear Machine Id 726000

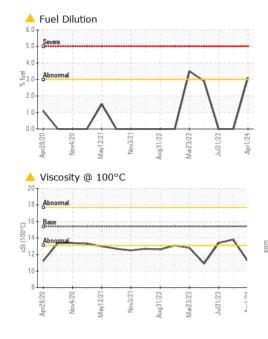
Component Diesel Engine

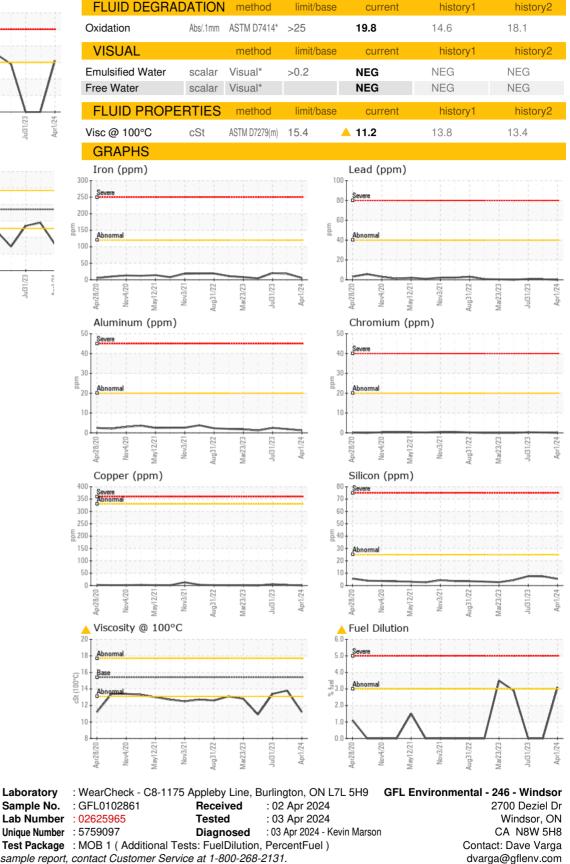
PETRO CANADA DURON SHP 15W40 (--- GAL)

SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0102861	GFL0053579	GFL009084
Sample Date		Client Info		01 Apr 2024	04 Oct 2023	31 Jul 2023
Machine Age	kms	Client Info		0	0	0
Oil Age	kms	Client Info		21496	20361	19958
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
CONTAMINA	ΓΙΟΝ	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAI	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>120	5	18	20
Chromium	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	5	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	1	2	2
Lead	ppm	ASTM D5185(m)	>40	0	<1	<1
Copper	ppm	ASTM D5185(m)	>330	<1	2	6
Tin	ppm	ASTM D5185(m)	>15	0	0	<1
Antimony	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	30	3	54
Barium	ppm	ASTM D5185(m)	0	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)	60	41	58	14
Manganese	ppm	ASTM D5185(m)	0	0	0	<1
Magnesium	ppm	ASTM D5185(m)	1010	519	924	188
Calcium	ppm	ASTM D5185(m)	1070	1553	1004	2049
Phosphorus	ppm	ASTM D5185(m)	1150	710	980	1025
Zinc	ppm	ASTM D5185(m)	1270	851	1163	1204
Sulfur	ppm	ASTM D5185(m)	2060	1990	2528	2780
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	5	7	8
Sodium	ppm	ASTM D5185(m)		2	3	5
Potassium	ppm	ASTM D5185(m)	>20	<1	1	5
Fuel	%	ASTM D7593*	>3.0	<mark>/</mark> 3.1	<1.0	<1.0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>4	0.5	0.3	0.5
Nitration	Abs/cm	ASTM D7624*	>20	8.5	7.5	8.8



## **OIL ANALYSIS REPORT**





To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

> Submitted By: Dave Varga Page 2 of 2

T: (519)944-8009

F:

CALA

ISO 17025:2017 Accredited

Laboratory

Laboratory

Sample No.