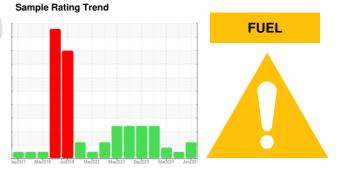


# **OIL ANALYSIS REPORT**





npo Diesel Engine PETRO CANADA DURON SHP 10W30 (--- GAL)

	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
	Sample Number		Client Info		GFL0119030	GFL0112573	GFL0102614
ampling has been	Sample Date		Client Info		24 Jun 2024	17 Apr 2024	09 Mar 2024
y resample to		nrs	Client Info		19353	0	18724
	0	nrs	Client Info		0	0	0
	Oil Changed		Client Info		Changed	N/A	Changed
ormal.	Sample Status				ABNORMAL	NORMAL	MARGINAL
fuel present in the	CONTAMINATIC	N	method	limit/base	current	history1	history2
of fuel in the oil.	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
lowering the erviceable due to the	WEAR METALS		method	limit/base	current	history1	history2
	lron g	opm	ASTM D5185(m)	>80	24	12	53
		opm	ASTM D5185(m)		1	<1	2
		opm	ASTM D5185(m)	>2	<1	<1	<1
		opm	ASTM D5185(m)	~ _	0	0	0
		opm	ASTM D5185(m)	>3	۲ <1	0	0
	1	opm	ASTM D5185(m)		2	1	3
	1	opm	ASTM D5185(m)	>30	0	0	1
		opm	ASTM D5185(m)		1	<1	2
			ASTM D5185(m)	>5	0	0	0
		opm opm	ASTM D5185(m)	>0	0	0	0
			ASTM D5185(m)		0	0	0
		opm			0		0
		opm	ASTM D5185(m)			0	
		opm	ASTM D5185(m)		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
		opm	ASTM D5185(m)	2	3	4	21
	Barium p	opm	ASTM D5185(m)	0	0	0	0
	Molybdenum p	opm	ASTM D5185(m)	50	51	57	60
	Manganese p	opm	ASTM D5185(m)	0	<1	0	0
	Magnesium p	opm	ASTM D5185(m)	950	829	903	638
	Calcium p	opm	ASTM D5185(m)	1050	938	1038	1328
	Phosphorus p	opm	ASTM D5185(m)	995	887	946	765
	Zinc ß	opm	ASTM D5185(m)	1180	1048	1101	944
		opm	ASTM D5185(m)	2600	2168	2458	1951
	Lithium p	opm	ASTM D5185(m)		<1	<1	<1
	CONTAMINANT	S	method	limit/base	current	history1	history2
	Silicon	opm	ASTM D5185(m)	>20	5	3	8
	Sodium p	opm	ASTM D5185(m)		7	4	12
	Potassium	opm	ASTM D5185(m)	>20	1	<1	<1
	Fuel	%	ASTM D7593*	>5	<mark>人</mark> 6.4	<1.0	<b>2</b> .3
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	ASTM D7844*	>3	1.2	0.3	1.4

Abs/cm ASTM D7624\* >20

Abs/.1mm ASTM D7415\* >30

10.1

23.0

## Recommendation

The oil change at the time of sa noted. We recommend an early monitor this condition.

### Wear

All component wear rates are no

### Contamination

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

#### Fluid Condition

Fuel is present in the oil and is lo viscosity. The oil is no longer se presence of contaminants.

Nitration Sulfation 11.8

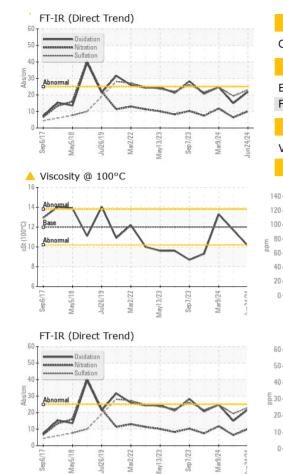
24.6

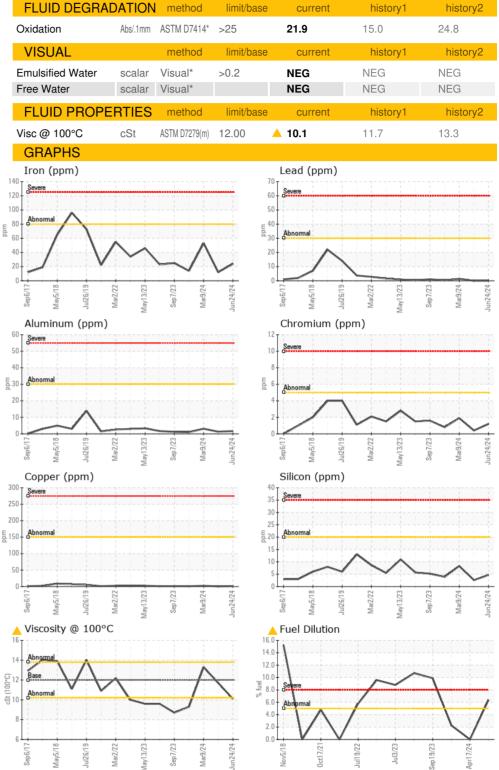
6.4

19.4



# **OIL ANALYSIS REPORT**





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 554 - Edmonton SW CALA Sample No. : GFL0119030 Received : 09 Jul 2024 8409 -15th Street NW Lab Number : 02646628 Tested : 11 Jul 2024 Edmonton, AB ISO 17025:2017 Accredited CA T6P 0B8 Unique Number : 5812180 Diagnosed : 11 Jul 2024 - Wes Davis Laboratory Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel) Contact: Tim Greig tgreig@gflenv.com 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. T: (780)231-0521 Validity of results and interpretation are based on the sample and information as supplied. E:

300

250

(0°C)

cst ()

Report Id: GFL554 [WCAMIS] 02646628 (Generated: 07/11/2024 08:08:51) Rev: 1

Submitted By: Brian Gagne Page 2 of 2