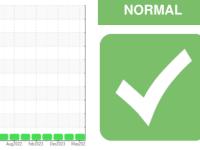


OIL ANALYSIS REPORT

Sample Rating Trend



18.7

401153 Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (36 LTR)

	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
	Sample Number		Client Info		GFL0118901	GFL0086787	GFL0094384
terval to monitor.	Sample Date		Client Info		21 May 2024	04 Mar 2024	15 Dec 2023
	Machine Age	hrs	Client Info		12062	11526	11016
ormal.	Oil Age	hrs	Client Info		12062	11526	11016
	Oil Changed		Client Info		Changed	Changed	Changed
amination in the	Sample Status				NORMAL	NORMAL	NORMAL
	CONTAMINA	ΓΙΟΝ	method	limit/base	current	history1	history2
able for the time in	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	WEAR META	LS	method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185(m)	>120	4	4	6
	Chromium	ppm	ASTM D5185(m)	>20	0	0	0
	Nickel	ppm	ASTM D5185(m)	>5	0	<1	0
	Titanium	ppm	ASTM D5185(m)	>2	0	0	0
	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	0	<1
	Copper	ppm	ASTM D5185(m)	>330	2	6	1
	Tin	ppm	ASTM D5185(m)	>15	0	0	0
	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	()	0	8	8	7
	Barium	ppm	ASTM D5185(m)	0	0	0	<1
	Molybdenum	ppm	ASTM D5185(m)	60	61	60	62
	Manganese	ppm	ASTM D5185(m)	0	0	0	0
	Magnesium	ppm	()	1010	946	931	968
	Calcium	ppm	ASTM D5185(m)		1079	1073	1128
	Phosphorus	ppm	ASTM D5185(m)		991	997	987
	Zinc	ppm	ASTM D5185(m)	1270	1174	1147	1202
	Sulfur	ppm	ASTM D5185(m)	2060	2544	2723	2484
	Lithium	ppm	ASTM D5185(m)		<1	<1	<1
	CONTAMINA	NTS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)	>25	1	2	2
	Sodium	ppm	ASTM D5185(m)		1	<1	2
	Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	ASTM D7844*	>4	0.1	0.1	0.2
	Nitration	Abs/cm	ASTM D7624*	>20	8.0	8.1	8.9
	0 1/ 1/		AOTH DEVICE	~~		10.0	10 -

Abs/.1mm ASTM D7415* >30

18.1

Resample at the next service in

Machine Id

Wear

All component wear rates are no

Contamination

There is no indication of any cor oil.

Fluid Condition

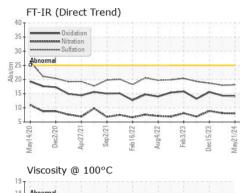
The condition of the oil is accept service.

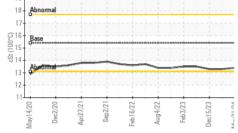
Sulfation

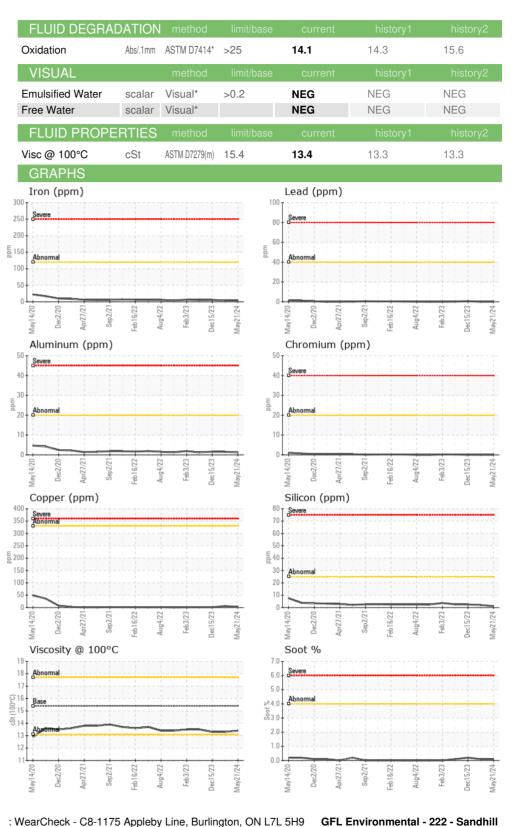
18.0



OIL ANALYSIS REPORT









Laboratory CALA Sample No. : GFL0118901 Received : 22 May 2024 SANDHILL DISPOSAL & RECYCLING DIVIS, 19 COMMERCE ROAD Lab Number : 02636922 Tested : 22 May 2024 ORANGEVILLE, ON ISO 17025:2017 Accredited Laboratory Unique Number : 5786084 Diagnosed : 22 May 2024 - Wes Davis CA L9W 3X5 Test Package : MOB 1 Contact: GLENN COOK To discuss this sample report, contact Customer Service at 1-800-268-2131. gcook@gflenv.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (519)940-4167 Validity of results and interpretation are based on the sample and information as supplied.

Report Id: GFL222 [WCAMIS] 02636922 (Generated: 05/22/2024 14:35:33) Rev: 1

Submitted By: Kim Thompson Page 2 of 2

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