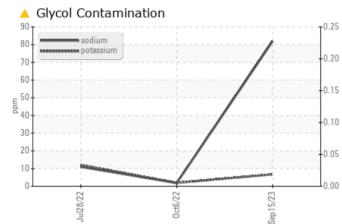


6glycol



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC	C TEST	F RESULT:	S		
Sample Status			ATTENTION	NORMAL	NORMAL
Sodium	ppm	ASTM D5185m	<u> </u>	2	11

Customer Id: GFL410 Sample No.: GFL0084868 Lab Number: 05955132 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

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.		

HISTORICAL DIAGNOSIS



06 Oct 2022 Diag: Wes Davis

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.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.



28 Jul 2022 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.Metal levels are typical for a components first oil change. 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 1114M

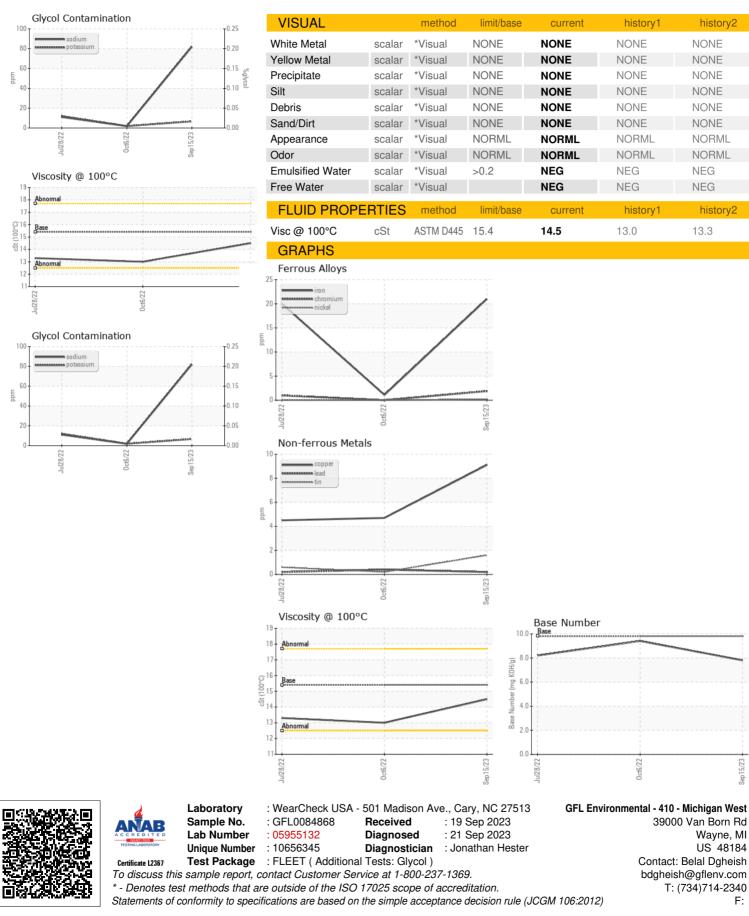
Component **Diesel Engine** Fluid

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

IAGNOSIS SA	AMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Recommendation Sam	nple Number		Client Info		GFL0084868	GFL0052065	GFL0052129
and filter change at the time of sampling has Sam	nple Date		Client Info		15 Sep 2023	06 Oct 2022	28 Jul 2022
	chine Age h	nrs	Client Info		13796	11452	10709
nonitor. Oil A	Age h	nrs	Client Info		2344	11452	10709
	Changed		Client Info		Changed	Changed	N/A
component wear rates are normal. Sam	nple Status				ATTENTION	NORMAL	NORMAL
alum anu/or polassium levels are migh. Test for	ONTAMINATIO		method	limit/base	current	history1	history2
col is negative. Fuel	•		WC Method	>3.0	<1.0	<1.0	<1.0
Fluid Condition BN result indicates that there is suitable	/EAR METALS		method	limit/base	current	history1	history2
alinity remaining in the oil. The condition of the Iron	р	pm	ASTM D5185m	>200	21	1	20
s acceptable for the time in service. Chro	omium p	pm	ASTM D5185m	>20	2	0	1
Nick	kel p	pm	ASTM D5185m	>2	<1	0	0
Tita	nium p	opm	ASTM D5185m	>2	<1	0	0
Silve	er p	opm	ASTM D5185m	>2	0	0	0
Alur	minum p	opm	ASTM D5185m	>30	13	2	9
Lead	d p	pm	ASTM D5185m	>30	<1	<1	<1
Сор	pper p	opm	ASTM D5185m	>30	9	5	4
Tin	p	pm	ASTM D5185m	>15	2	<1	<1
Van	nadium p	opm	ASTM D5185m		0	0	0
Cad	lmium p	pm	ASTM D5185m		0	0	0
A	DDITIVES		method	limit/base	current	history1	history2
Boro	on p	pm	ASTM D5185m	0	2	4	2
Bari	ium p	pm	ASTM D5185m	0	0	<1	2
Mol	ybdenum p	opm	ASTM D5185m	60	70	57	55
Mar	nganese p	pm	ASTM D5185m	0	<1	<1	<1
Maç	gnesium p	pm	ASTM D5185m	1010	974	848	818
Calc	cium p	pm	ASTM D5185m	1070	1151	1037	977
Pho	osphorus p	pm	ASTM D5185m	1150	1035	999	950
Zinc	c p	pm	ASTM D5185m	1270	1332	1179	1178
Sulf	f ur p	pm	ASTM D5185m	2060	3298	3259	2632
C	ONTAMINANTS	S	method	limit/base	current	history1	history2
Silic	con p	pm	ASTM D5185m	>30	13	4	5
Sod	lium p	pm	ASTM D5185m		<u> </u>	2	11
Pota	assium p		ASTM D5185m	>20	7	2	12
Glyc	col %	/0	*ASTM D2982		NEG	NEG	NEG
IN	IFRA-RED		method	limit/base	current	history1	history2
		6	*ASTM D7844	>3	0.9	0.3	0.7
Soo	ot % 9	0					
Soo			*ASTM D7624	>20	8.3	8.1	7.9
Soo Nitra	ation A	Abs/cm			8.3 19.8	8.1 19.8	7.9 21.1
Soo Nitra Sulf	ation A	Abs/cm .bs/.1mm	*ASTM D7624				
Soo Nitra Sulf FL	ation A fation A LUID DEGRADA	Abs/cm bs/.1mm	*ASTM D7624 *ASTM D7415	>30 limit/base	19.8	19.8	21.1



OIL ANALYSIS REPORT



Report Id: GFL410 [WUSCAR] 05955132 (Generated: 09/25/2023 07:59:39) Rev: 1

Submitted By: Belal Dgheish

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