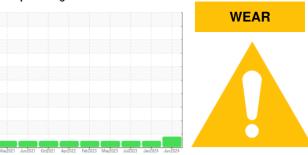


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

949005-205278

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The lead level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

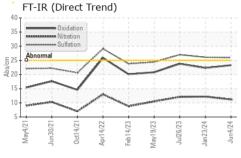
LTR)		May2021 Ju	n2021 Oct2021 Apr2022	Feb 2023 May 2023 Jul 2023 Jan 20	24 Jun2024	
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0096065	GFL0095993	GFL0071745
Sample Date		Client Info		04 Jun 2024	23 Jan 2024	26 Jul 2023
Machine Age	hrs	Client Info		23550	22679	12367
Oil Age	hrs	Client Info		600	600	600
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
Vater		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	_S	method	limit/base	current	history1	history2
on	ppm	ASTM D5185m	>50	17	7	7
Chromium	ppm	ASTM D5185m	>4	2	<1	1
lickel	ppm	ASTM D5185m	>2	<1	0	0
itanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Muminum	ppm	ASTM D5185m	>9	4	1	2
.ead	ppm	ASTM D5185m	>30	4 39	7	10
Copper	ppm	ASTM D5185m	>35	10	2	2
in .	ppm	ASTM D5185m	>4	<1	1	<1
anadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	9	7	8
Barium	ppm	ASTM D5185m	5	1	0	0
Nolybdenum	ppm	ASTM D5185m	50	60	53	56
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
1agnesium	ppm	ASTM D5185m	560	617	587	601
Calcium	ppm	ASTM D5185m	1510	1760	1705	1696
Phosphorus	ppm	ASTM D5185m	780	874	742	834
Zinc	ppm	ASTM D5185m	870	1089	1016	1076
Sulfur	ppm	ASTM D5185m	2040	2757	2467	3088
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	9	5	5
Sodium	ppm	ASTM D5185m		7	41	9
Potassium	ppm	ASTM D5185m	>20	4	<1	<1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.3	0	0.1
litration	Abs/cm	*ASTM D7624	>20	11.2	12.2	12.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	25.9	26.1	27.0
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.3	22.3	23.8
Paga Number (PNI)	ma KOLVa	ACTM DOOGS	100	2.0	0.1	2.0

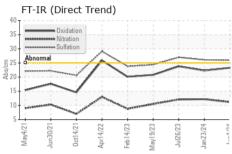
3.9

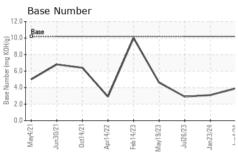
Base Number (BN) mg KOH/g ASTM D2896 10.2

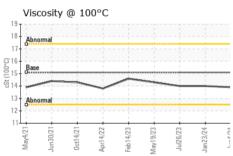


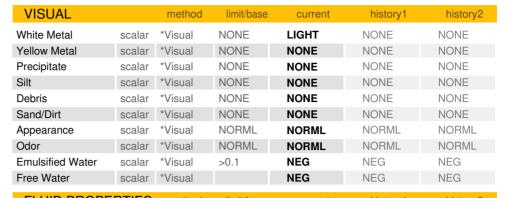
OIL ANALYSIS REPORT





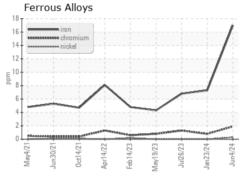


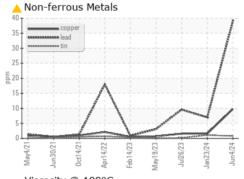


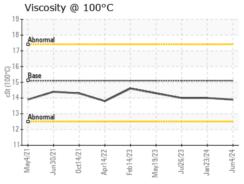


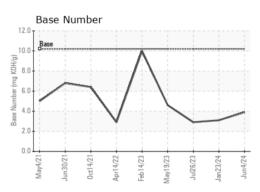
FLUID PROP	EHIIES	method	iiiiii/base	current	riistory i	riistoryz
Visc @ 100°C	cSt	ASTM D445	15.1	13.9	14.0	14.0

GRAPHS













Certificate 12367

Laboratory Sample No. Unique Number : 11063122 Test Package : FLEET

: GFL0096065 Lab Number : 06200999

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 05 Jun 2024 **Tested** : 07 Jun 2024

Diagnosed : 08 Jun 2024 - Don Baldridge

GFL Environmental - 883 - Orange City 1378 South Volusia Ave

Orange City, FL US 32763

Contact: JEFF COOPERSMITH JCOOPERSMITH@GFLENV.COM

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (386)503-8468