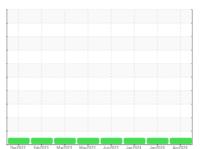


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 747000-310039

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the oil.

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.

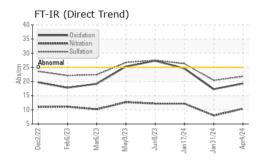
(GAL)		Dec2022	eb2023 Mar2023 May20	23 Jun2023 Jan2024 Jan2024	Apr2024	
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
	IMPATION		mmebase			•
Sample Number		Client Info		GFL0106914	GFL0092157	GFL0092130
Sample Date	la un	Client Info		04 Apr 2024	31 Jan 2024	17 Jan 2024
Machine Age	hrs	Client Info		2985	2442	2324
Oil Age	hrs	Client Info		600 Ohammad	Ohananad	Oh a ra sa al
Oil Changed		Client Info		Changed	Changed	Changed NORMAL
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR META	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	2	0
Chromium	ppm	ASTM D5185m	>4	<1	0	<1
Nickel	ppm	ASTM D5185m	>2	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	<1	0	0
Aluminum	ppm	ASTM D5185m	>9	2	1	1
Lead	ppm	ASTM D5185m	>30	<1	2	6
Copper	ppm	ASTM D5185m	>35	<1	<1	2
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	16	30	9
Barium	ppm	ASTM D5185m	5	2	0	0
Molybdenum	ppm	ASTM D5185m	50	50	48	50
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	560	502	549	553
Calcium	ppm	ASTM D5185m	1510	1517	1508	1535
Phosphorus	ppm	ASTM D5185m	780	654	782	733
Zinc	ppm	ASTM D5185m	870	872	943	919
Sulfur	ppm	ASTM D5185m	2040	2228	2472	2171
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	4	4	3
Sodium	ppm	ASTM D5185m		5	4	4
Potassium	ppm	ASTM D5185m	>20	2	2	0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624	>20	10.4	8.0	12.2
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.8	20.4	26.3
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.3	17.3	24.6
D N /5:0		AOTH BOSS	100		= 0	,

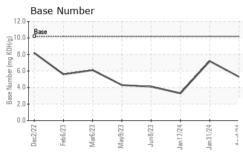
5.3

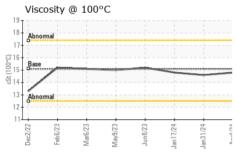
Base Number (BN) mg KOH/g ASTM D2896 10.2

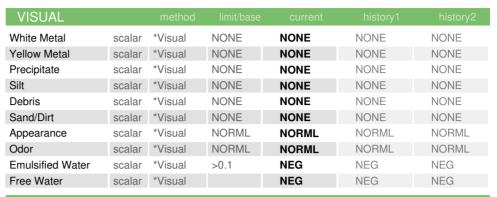


OIL ANALYSIS REPORT



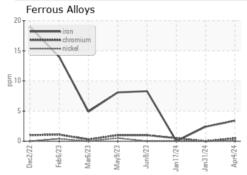




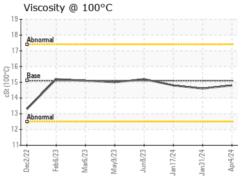


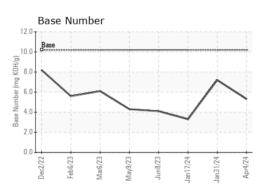
FLUID PROPI	ERHES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.8	14.6	14.8

GRAPHS



·····tin	
8	
6	1
4	1
2	1
Dec2/22 Feb6/23 Mar6/23 Jun8/23	Jan 31,24









Certificate 12367

Laboratory Sample No. Lab Number : 06143541 Unique Number : 10968349

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0106914

Received **Tested** Test Package : FLEET

: 10 Apr 2024 Diagnosed : 10 Apr 2024 - Wes Davis

: 09 Apr 2024

8515 Highway 6 South Houston, TX

GFL Environmental - 856 - Houston South

US 77083 Contact: Apolinar Zacarias pzacariascano@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)

Report Id: GFL856 [WUSCAR] 06143541 (Generated: 04/10/2024 13:40:08) Rev: 1

Submitted By: Apolinar Zacarias

T:

F: