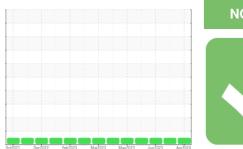


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

945026-260290

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

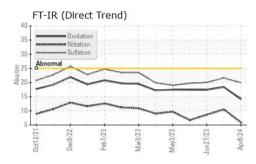
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

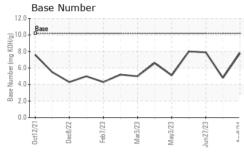
(GAL) 0x2021 0x2022 Feb2023 Min2023 Min2023 Jun2023 Apr2024						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0106930	GFL0092038	GFL0084602
Sample Date		Client Info		08 Apr 2024	07 Nov 2023	27 Jun 2023
Machine Age	hrs	Client Info		735	521328	0
Oil Age	hrs	Client Info		0	55605	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	12	16	6
Chromium	ppm	ASTM D5185m	>4	<1	0	<1
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	2	2	2
Lead	ppm	ASTM D5185m	>30	0	0	0
Copper	ppm	ASTM D5185m	>35	0	0	0
Tin	ppm	ASTM D5185m	>4	<1	0	<1
Vanadium	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	10	10	22
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	52	57	49
Manganese	ppm	ASTM D5185m	0	<1	0	<1
Magnesium	ppm	ASTM D5185m	560	527	694	604
Calcium	ppm	ASTM D5185m	1510	1548	1906	1577
Phosphorus	ppm	ASTM D5185m	780	664	854	769
Zinc	ppm	ASTM D5185m	870	887	1197	967
Sulfur	ppm	ASTM D5185m	2040	2508	2682	2891
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	5	6	13
Sodium	ppm	ASTM D5185m		6	7	5
Potassium	ppm	ASTM D5185m	>20	0	<1	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.2	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	5.9	10.5	8.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9	21.6	20.0
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.1	18.4	17.4

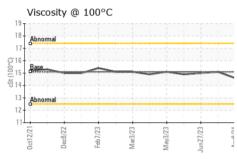
Base Number (BN) mg KOH/g ASTM D2896 10.2 7.8



OIL ANALYSIS REPORT



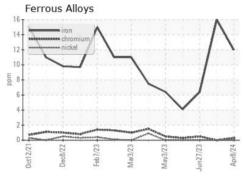


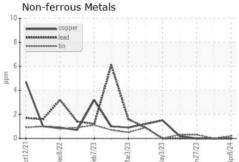


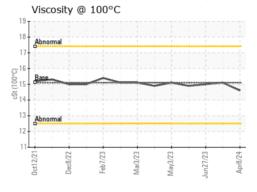
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

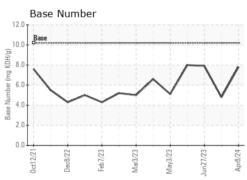
FLUID PROPERTIES		method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.6	15.1	15.0

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0106930 Lab Number : 06144916 Unique Number : 10969724 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Apr 2024 **Tested**

: 15 Apr 2024 Diagnosed : 15 Apr 2024 - Jonathan Hester

GFL Environmental - 856 - Houston South 8515 Highway 6 South Houston, TX

US 77083 Contact: Apolinar Zacarias pzacariascano@gflenv.com T:

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)

F: