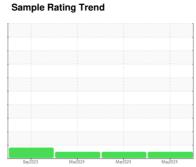


OIL ANALYSIS REPORT

Jaili



NORMAL



Machine Id 934057 Component

Natural Gas Engine

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

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.

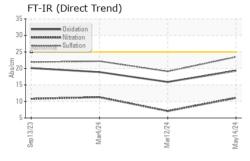
Fluid Condition

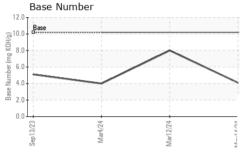
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

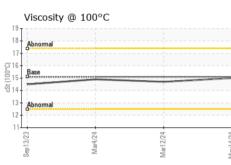
GAL)		Sep 202	3 Mar2024	Mar2024 M	ay2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0117809	GFL0114474	GFL0114481
Sample Date		Client Info		14 May 2024	12 Mar 2024	04 Mar 2024
Machine Age	mls	Client Info		35761	27646	1772
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Changed
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	20	7	23
Chromium	ppm	ASTM D5185m	>4	2	<1	2
Nickel	ppm	ASTM D5185m	>2	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	<1	0	0
Aluminum	ppm	ASTM D5185m	>9	11	2	12
Lead	ppm	ASTM D5185m	>30	2	0	1
Copper	ppm	ASTM D5185m		2	<1	2
Tin	ppm	ASTM D5185m	>4	1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	6	29	6
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	55	48	55
Manganese	ppm	ASTM D5185m	0	<1	<1	1
Magnesium	ppm	ASTM D5185m	560	584	554	606
Calcium	ppm	ASTM D5185m	1510	1637	1548	1695
Phosphorus	ppm	ASTM D5185m	780	749	752	741
Zinc	ppm	ASTM D5185m	870	1047	901	1005
Sulfur	ppm	ASTM D5185m	2040	2780	2891	2871
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	8	4	6
Sodium	ppm	ASTM D5185m		8	5	7
Potassium	ppm	ASTM D5185m	>20	22	4	34
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0	0
Nitration	Abs/cm	*ASTM D7624	>20	11.1	7.1	11.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.5	19.1	22.2
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.3	15.9	18.9
Base Number (BN)	mg KOH/g			4.1	8.0	4.0
(DI4)					0.0	

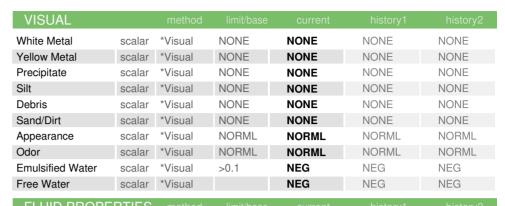


OIL ANALYSIS REPORT



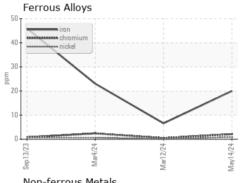


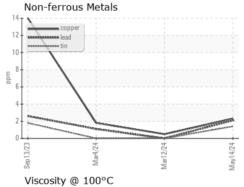


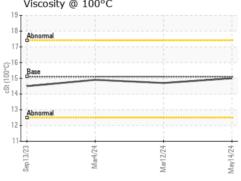


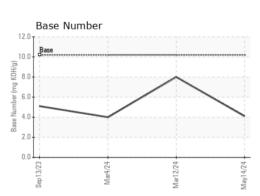
FLUID PROPI	ERIIES	method			riistory i	nistoryz
Visc @ 100°C	cSt	ASTM D445	15.1	15.0	14.7	14.9

GRAPHS













Certificate 12367

Laboratory Sample No.

Lab Number : 06188511 Unique Number : 11045263 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0117809 Received

: 22 May 2024 **Tested** : 24 May 2024 Diagnosed

: 24 May 2024 - Wes Davis

GFL Environmental - 865 - East Mount Hauling

7213 East Mount Houston Road Houston, TX US 77050

Contact: Saul Castillo saul.castillo@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:

F: