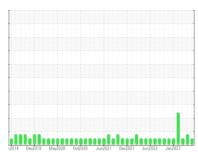


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 3687C Component

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (38 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

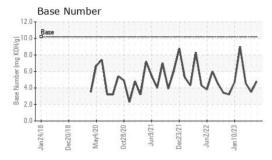
Fluid Condition

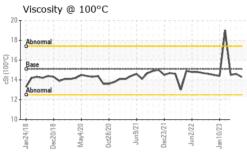
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

12018 Dec2018 Mex/2020 Oct20209 Jun2021 Dec2021 Jun2022 Jun2022 Jun2023						
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0087754	GFL0082237	GFL0073819
Sample Date		Client Info		19 Sep 2023	01 Jun 2023	03 Apr 2023
Machine Age	hrs	Client Info		11926	17213	16780
Oil Age	hrs	Client Info		0	1106	673
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	15	37	20
Chromium	ppm	ASTM D5185m	>4	2	4	2
Nickel	ppm	ASTM D5185m	>2	0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	6	1 9	9
Lead	ppm	ASTM D5185m	>30	<1	<1	0
Copper	ppm	ASTM D5185m	>35	<1	1	1
Tin	ppm	ASTM D5185m	>4	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	7	3	8
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	55	53	52
Manganese	ppm	ASTM D5185m	0	1	<1	<1
Magnesium	ppm	ASTM D5185m	560	584	567	569
Calcium	ppm	ASTM D5185m	1510	1672	1770	1648
Phosphorus	ppm	ASTM D5185m	780	717	721	713
Zinc	ppm	ASTM D5185m	870	965	960	978
Sulfur	ppm	ASTM D5185m	2040	2877	3078	3114
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	12	6	6
Sodium	ppm	ASTM D5185m		6	9	6
Potassium	ppm	ASTM D5185m	>20	4	3	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	10.1	12.0	11.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.4	25.1	20.8
FLUID DEGRADATION method limit/base current history1 history2						
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.1	19.9	17.3
Base Number (BN)	mg KOH/g	ASTM D2896	10.2	4.8	3.5	4.6
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OIL ANALYSIS REPORT

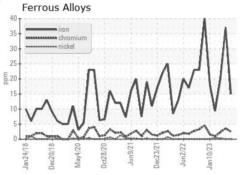


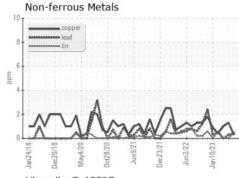


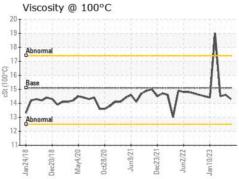
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

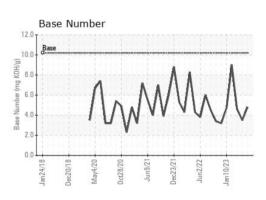
FLUID PROPERTIES		method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.3	14.6	14.5

GRAPHS













Laboratory Sample No. Lab Number **Unique Number** Test Package : FLEET

: GFL0087754 : 05957430

: 10658643

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 21 Sep 2023

Diagnosed : 22 Sep 2023 Diagnostician : Wes Davis

GFL Environmental - 006 - Wilmington

3618 US Highway 421 N Wilmington, NC US 28401

Contact: Eric Wood eric.wood@gflenv.com T: (717)723-1956

F: (910)762-6880

Certificate L2367 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)