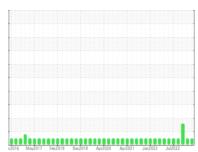


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



3631C AUTOCAR ACX

Component

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (48 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

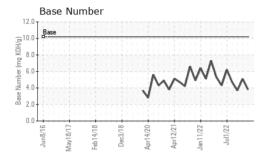
Fluid Condition

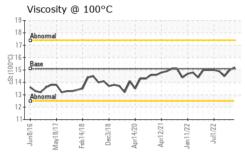
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

(40 Q15)		n2016 May20	117 Feb2018 Dec2018	Apr2020 Apr2021 Jan2022	Jul2022	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0103196	GFL0089279	GFL0056617
Sample Date		Client Info		29 Feb 2024	24 Aug 2023	24 Mar 2023
Machine Age	hrs	Client Info		40647	23779	22626
Oil Age	hrs	Client Info		16868	1153	1322
Oil Changed		Client Info		Not Changd	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
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	18	16	6
Chromium	ppm	ASTM D5185m	>4	2	1	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	3	5	2
Lead	ppm	ASTM D5185m	>30	9	<1	4
Copper	ppm	ASTM D5185m	>35	2	<1	<u></u> 34
Tin	ppm	ASTM D5185m	>4	1	<1	<u> </u>
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	12	10	46
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	58	58	36
Manganese	ppm	ASTM D5185m	0	<1	<1	1
Magnesium	ppm	ASTM D5185m	560	658	645	534
Calcium	ppm	ASTM D5185m	1510	1754	1811	1728
Phosphorus	ppm	ASTM D5185m	780	842	783	765
Zinc	ppm	ASTM D5185m	870	1115	1083	958
Sulfur	ppm	ASTM D5185m	2040	2452	3104	2771
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	6	11	6
Sodium	ppm	ASTM D5185m		7	8	2
Potassium	ppm	ASTM D5185m	>20	2	28	1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	12.6	10.8	12.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	27.2	21.8	25.7
FLUID DEGRA	OITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.1	19.0	20.6
Base Number (BN)	mg KOH/g	ASTM D2896	10.2	3.8	5.1	3.7
, ,						



OIL ANALYSIS REPORT

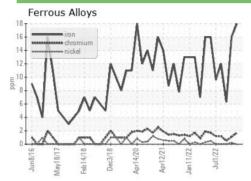


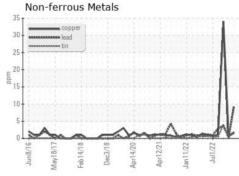


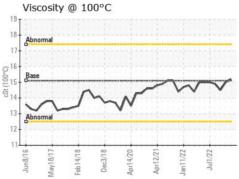
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

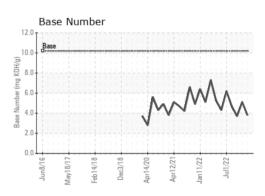
FLUID PROP	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	15.2	15.0	14.5

GRAPHS













Laboratory Sample No.

: GFL0103196 Lab Number : 06105846 Unique Number : 10909343

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 01 Mar 2024 **Tested**

: 02 Mar 2024 Diagnosed : 02 Mar 2024 - Wes Davis

GFL Environmental - 001 - Raleigh(CNG)

3741 Conquest Drive Garner, NC US 27529

Contact: Craig Johnson craig.johnson@gflenv.com T: (919)662-7100

Test Package : FLEET 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)

F: (919)662-7130