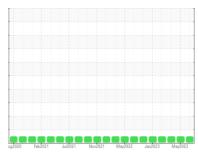


OIL ANALYSIS REPORT

Sample Rating Trend







830008

Component

Natural Gas Engine

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

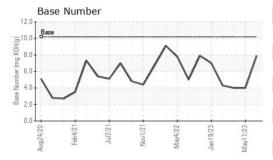
Fluid Condition

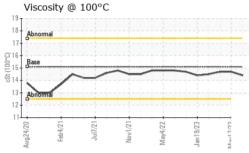
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

(GAL)						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0098499	GFL0082241	GFL0082210
Sample Date		Client Info		04 Dec 2023	17 May 2023	12 May 2023
Machine Age	hrs	Client Info		7375	6064	6002
Oil Age	hrs	Client Info		1311	1984	800
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	10	16	17
Chromium	ppm	ASTM D5185m	>4	<1	1	1
Nickel	ppm	ASTM D5185m	>2	0	<1	1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>3	0	<1	0
Aluminum	ppm	ASTM D5185m	>9	1	5	2
Lead	ppm	ASTM D5185m	>30	<1	6	6
Copper	ppm	ASTM D5185m	>35	0	<1	<1
Tin	ppm	ASTM D5185m	>4	0	1	<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	35	9	9
Barium	ppm	ASTM D5185m	5	2	0	2
Molybdenum	ppm	ASTM D5185m	50	52	61	62
Manganese	ppm	ASTM D5185m	0	0	<1	<1
Magnesium	ppm	ASTM D5185m	560	528	591	594
Calcium	ppm	ASTM D5185m	1510	1506	1825	1770
Phosphorus	ppm	ASTM D5185m	780	703	754	778
Zinc	ppm	ASTM D5185m	870	886	1027	1047
Sulfur	ppm	ASTM D5185m	2040	2630	2668	2616
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	5	5	5
Sodium	ppm	ASTM D5185m		5	11	9
Potassium	ppm	ASTM D5185m	>20	2	0	1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0.1	0
Nitration	Abs/cm	*ASTM D7624	>20	7.7	12.1	12.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.8	26.1	25.5
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.4	21.4	20.9
Base Number (BN)	mg KOH/g	ASTM D2896		7.9	4.0	4.0
	0 - 0					



OIL ANALYSIS REPORT

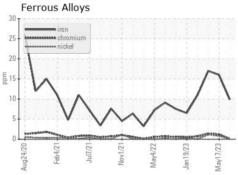


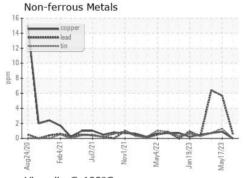


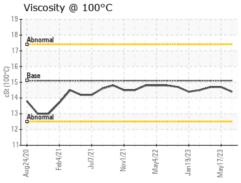
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

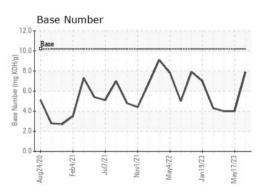
FLUID PROPE	RHES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.4	14.7	14.7

GRAPHS













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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0098499 : 06026269

: 10776060

Received : 06 Dec 2023 Diagnosed : 07 Dec 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)