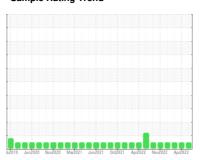


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 2714C Component

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (12 GAL)

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.

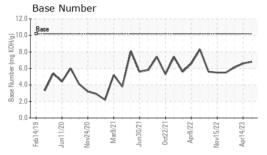
Fluid Condition

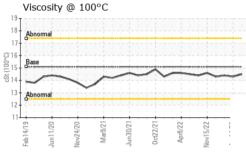
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

(12 GAL)						
SAMPLE INFORI	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		GFL0083295	GFL0069415	GFL0069425
Sample Date		Client Info		29 Jun 2023	14 Apr 2023	27 Mar 2023
Machine Age	hrs	Client Info		3340	490	3340
Oil Age	hrs	Client Info		516	3340	490
Oil Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METAL	S	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	2	3	4
Chromium	ppm	ASTM D5185m	>4	0	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	<1	<1	1
Lead	ppm	ASTM D5185m	>30	0	0	<1
Copper	ppm			0	<1	<1
Tin	ppm	ASTM D5185m	>4	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	50	15	39	12
Barium	ppm	ASTM D5185m	5	14	0	0
Molybdenum	ppm	ASTM D5185m	50	42	50	50
Manganese	ppm	ASTM D5185m		0	<1	1
Magnesium	ppm	ASTM D5185m	560	478	561	546
Calcium	ppm	ASTM D5185m	1510	1343	1566	1654
Phosphorus	ppm	ASTM D5185m	780	619	767	668
Zinc	ppm	ASTM D5185m	870	813	936	995
Sulfur	ppm	ASTM D5185m	2040	2369	2920	2714
CONTAMINAN	TS	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>+100	3	3	4
Sodium	ppm	ASTM D5185m		4	6	8
Potassium	ppm	ASTM D5185m	>20	<1	2	2
INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	*ASTM D7844		0.1	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	9.8	7.5	9.8
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.4	17.4	20.5
FLUID DEGRA	OATION	method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.5	15.5	16.7
Base Number (BN)	mg KOH/g	ASTM D2896	10.2	6.8	6.6	6.1



OIL ANALYSIS REPORT

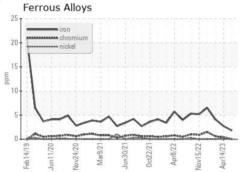


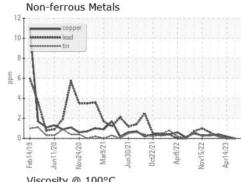


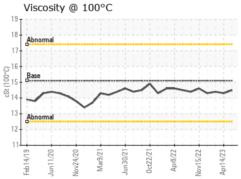
VISUAL		method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

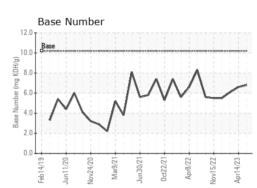
FLUID PROP	ERITES	metnoa	ilmit/base	current	nistory i	nistory 2
Visc @ 100°C	cSt	ASTM D445	15.1	14.5	14.3	14.4

GRAPHS













Certificate L2367

Laboratory Sample No. Lab Number

Unique Number : 10538118 Test Package : FLEET

: GFL0083295 : 05887635

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 30 Jun 2023

Diagnosed : 02 Jul 2023 Diagnostician : Wes Davis

GFL Environmental - 017 - Durham

148 Stone Park Court Durham, NC US 27703

Contact: Shane Parks shane.parks@gflenv.com T: (919)596-1363

* - 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)598-1852