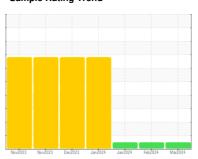


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id **934025**

Component **Natural Gas Engine**

PETRO CANADA DURON GEO LD 15W40 (--- 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

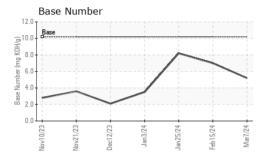
Fluid Condition

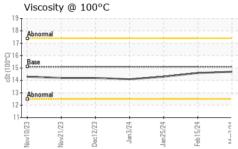
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

(GAL)		Nov2023	Nov2023 Dec2023	Jan2024 Jan2024 Feb2024	Mar2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0108037	GFL0108030	GFL0108137
Sample Date		Client Info		07 Mar 2024	15 Feb 2024	25 Jan 2024
Machine Age	hrs	Client Info		1994	1853	1712
Oil Age	hrs	Client Info		1994	1712	0
Oil Changed		Client Info		Not Changd	Not Changd	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	34	30	27
Chromium	ppm	ASTM D5185m	>4	1	<1	1
Nickel	ppm	ASTM D5185m	>2	1	<1	2
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	5	4	3
Lead	ppm	ASTM D5185m	>30	2	1	2
Copper	ppm	ASTM D5185m	>35	6	5	5
Tin	ppm	ASTM D5185m	>4	<1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	12	22	39
Barium	ppm	ASTM D5185m	5	<1	0	0
Molybdenum	ppm	ASTM D5185m	50	58	55	55
Manganese	ppm	ASTM D5185m	0	4	3	4
Magnesium	ppm	ASTM D5185m	560	676	725	620
Calcium	ppm	ASTM D5185m	1510	1729	1799	1373
Phosphorus	ppm	ASTM D5185m	780	828	934	698
Zinc	ppm	ASTM D5185m	870	1040	1116	960
Sulfur	ppm	ASTM D5185m	2040	2948	2842	2196
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	8	8	10
Sodium	ppm	ASTM D5185m		8	6	2
Potassium	ppm	ASTM D5185m	>20	3	2	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624	>20	12.7	10.6	8.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.1	20.4	20.4
FLUID DEGRA	NOITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.7	18.6	17.6
Base Number (BN)	mg KOH/g	ASTM D2896	10.2	5.2	7.0	8.2



OIL ANALYSIS REPORT

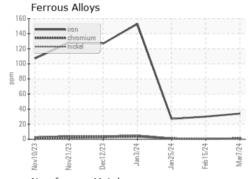


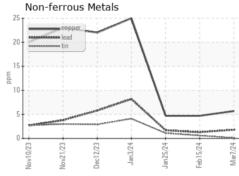


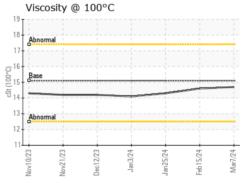
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

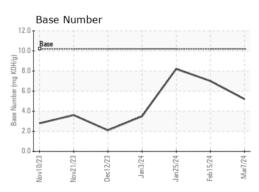
FLUID PROPI	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.7	14.6	14.3

GRAPHS













Laboratory Sample No. Lab Number : 06114967

: GFL0108037 Unique Number : 10923800

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

Received **Tested** Diagnosed

: 11 Mar 2024 : 12 Mar 2024 : 12 Mar 2024 - Wes Davis

GFL Environmental - 837 - Harrison TS

22820 S State Route 291 Harrisonville, MO US 64701

Contact: JOHNNY PEREZ johnny.perez@gflenv.com

Test Package : FLEET 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: