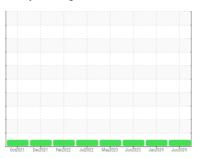


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 711009

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

Fluid Condition

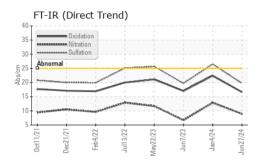
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

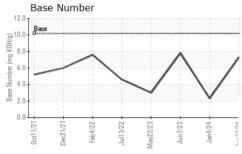
LTR)		0et2021	Dec2021 Feb2022 Jul20	22 May2023 Jun2023 Jan2024	Jun2024	
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0119120	GFL0095987	GFL0071742
Sample Date		Client Info		27 Jun 2024	04 Jan 2024	07 Jun 2023
Machine Age	hrs	Client Info		7157	5997	4643
Oil Age	hrs	Client Info		0	600	600
Oil Changed		Client Info		Changed	Changed	Oil Added
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAI	LS	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	6	12	3
Chromium	ppm	ASTM D5185m	>4	<1	<1	0
Nickel	ppm	ASTM D5185m	>2	0	0	0
Гitanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	1	4	0
_ead	ppm	ASTM D5185m	>30	<1	4	0
Copper	ppm	ASTM D5185m	>35	<1	2	0
- in	ppm	ASTM D5185m	>4	<1	<1	0
/anadium	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	19	4	40
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	48	53	50
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	560	599	591	554
Calcium	ppm	ASTM D5185m	1510	1730	1589	1588
Phosphorus	ppm	ASTM D5185m	780	848	778	818
Zinc	ppm	ASTM D5185m	870	1037	972	983
Sulfur	ppm	ASTM D5185m	2040	3114	2353	3138
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	4	3	5
Sodium	ppm	ASTM D5185m		4	11	4
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	8.9	12.9	6.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.7	26.5	19.7
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.6	22.4	17.0
Page Number (PNI)		ACTM DOOG	10.0	7.0	0.0	7.0

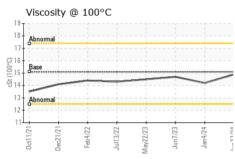
Base Number (BN) mg KOH/g ASTM D2896 10.2 7.3

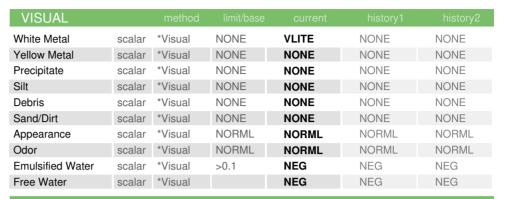


OIL ANALYSIS REPORT



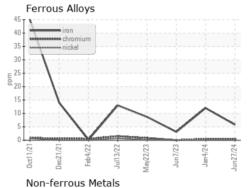


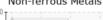


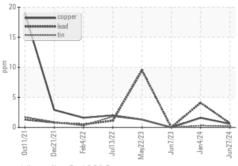


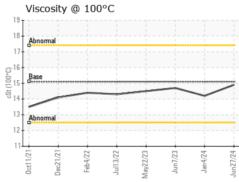
FLUID PROPI	ERHES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.9	14.2	14.7

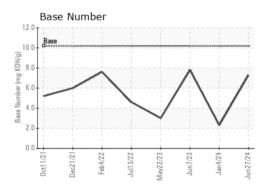
GRAPHS















Certificate 12367

Laboratory Sample No.

Lab Number : 06224280

Test Package : FLEET

: GFL0119120 Unique Number : 11102477

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 01 Jul 2024

Tested : 02 Jul 2024 Diagnosed : 02 Jul 2024 - Wes Davis

GFL Environmental - 882 - Gainesville

5002 SW 41st Blvd Gainesville, FL US 32608

Contact: ROBERT CLARK robert.clark@gflenv.com

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: