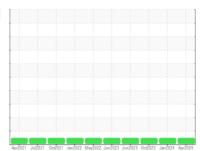


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 746001-361630

Natural Gas Engine

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

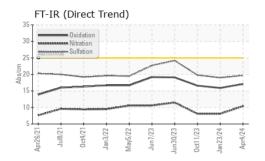
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

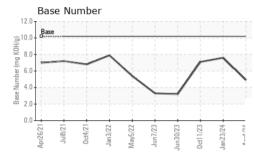
(LTR) April021 Jul021 Oct021 Jan2022 May/2022 Jun2023 Jun2023 Jun2023 Jun2023 Jun2024 April024								
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		GFL0096017	GFL0095991	GFL0071766		
Sample Date		Client Info		04 Apr 2024	23 Jan 2024	11 Oct 2023		
Machine Age	hrs	Client Info		17063	16484	15770		
Oil Age	hrs	Client Info		600	600	600		
Oil Changed		Client Info		Changed	Changed	Changed		
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	8	4		
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1		
Nickel	ppm	ASTM D5185m	>2	0	0	0		
Titanium	ppm	ASTM D5185m		0	0	<1		
Silver	ppm	ASTM D5185m	>3	0	0	0		
Aluminum	ppm	ASTM D5185m	>9	3	2	1		
Lead	ppm	ASTM D5185m	>30	<1	<1	2		
Copper	ppm	ASTM D5185m	>35	2	1	2		
Tin	ppm	ASTM D5185m	>4	0	<1	<1		
Vanadium	ppm	ASTM D5185m		0	0	<1		
Cadmium	ppm	ASTM D5185m		0	0	0		
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	50	9	25	27		
Barium	ppm	ASTM D5185m	5	0	0	0		
Molybdenum	ppm	ASTM D5185m	50	56	49	52		
Manganese	ppm	ASTM D5185m	0	0	<1	<1		
Magnesium	ppm	ASTM D5185m	560	621	569	558		
Calcium	ppm	ASTM D5185m	1510	1825	1586	1489		
Phosphorus	ppm	ASTM D5185m	780	865	763	762		
Zinc	ppm	ASTM D5185m	870	1138	984	960		
Sulfur	ppm	ASTM D5185m	2040	3605	2499	2415		
CONTAMINAN	ITS	method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>+100	3	4	4		
Sodium	ppm	ASTM D5185m		8	7	15		
Potassium	ppm	ASTM D5185m	>20	<1	<1	2		
INFRA-RED		method	limit/base	current	history1	history2		
Soot %	%	*ASTM D7844		0	0	0		
Nitration	Abs/cm	*ASTM D7624	>20	10.4	8.1	8.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.7	19.0	19.8		
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2		
	DATION	method	IIIIII base	Cullelli	Thotory	Historyz		
Oxidation	Abs/.1mm	*ASTM D7414		17.1	15.9	16.6		

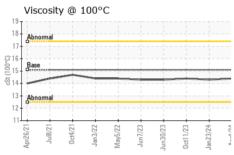
Base Number (BN) mg KOH/g ASTM D2896 10.2 4.9

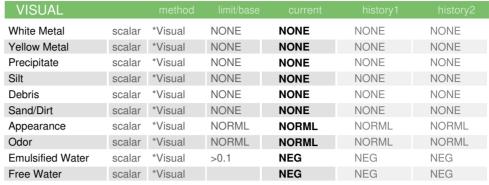


OIL ANALYSIS REPORT



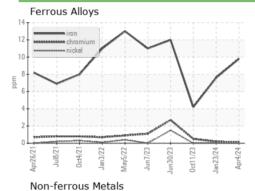


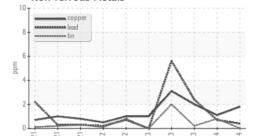


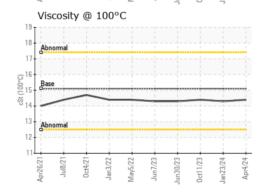


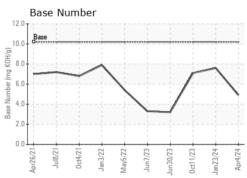
FLUID PROP	ERHES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.4	14.3	14.4

GRAPHS













Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06139698 Unique Number : 10964506

: GFL0096017 Test Package : FLEET

Received : 05 Apr 2024 **Tested** Diagnosed

: 06 Apr 2024 : 06 Apr 2024 - Wes Davis

GFL Environmental - 883 - Orange City 1378 South Volusia Ave Orange City, FL

US 32763 Contact: JEFF COOPERSMITH JCOOPERSMITH@GFLENV.COM

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (386)503-8468 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)