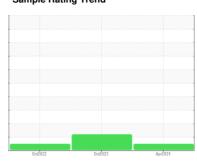


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id **844000**

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.

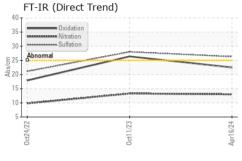
Fluid Condition

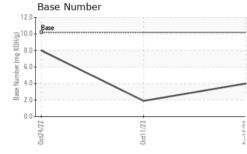
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

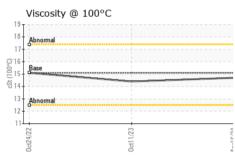
GAL)		Oct	0+2022 0+2023 Apr2024					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		GFL0113952	GFL0086737	GFL0060633		
Sample Date		Client Info		16 Apr 2024	11 Oct 2023	24 Oct 2022		
Machine Age	hrs	Client Info		1550	542	2849		
Oil Age	hrs	Client Info		1008	0	2849		
Oil Changed		Client Info		Changed	Changed	Not Changd		
Sample Status				NORMAL	ABNORMAL	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		
ron	ppm	ASTM D5185m	>50	55	47	15		
Chromium	ppm	ASTM D5185m	>4	5	6	2		
Nickel	ppm	ASTM D5185m	>2	0	2	0		
Γitanium	ppm	ASTM D5185m		<1	1	0		
Silver	ppm	ASTM D5185m	>3	0	0	2		
Aluminum	ppm	ASTM D5185m	>9	4	4	2		
_ead	ppm	ASTM D5185m	>30	4	15	<1		
Copper	ppm	ASTM D5185m	>35	3	1	<1		
- Tin	ppm	ASTM D5185m	>4	<1	2	<1		
/anadium	ppm	ASTM D5185m		0	0	<1		
Cadmium	ppm	ASTM D5185m		0	<1	<1		
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	50	13	3	14		
Barium	ppm	ASTM D5185m	5	2	0	0		
Molybdenum	ppm	ASTM D5185m	50	60	51	51		
Manganese	ppm	ASTM D5185m	0	2	2	<1		
Magnesium	ppm	ASTM D5185m	560	640	569	552		
Calcium	ppm	ASTM D5185m	1510	1755	1529	1464		
Phosphorus	ppm	ASTM D5185m	780	870	654	764		
Zinc	ppm	ASTM D5185m	870	1043	914	956		
Sulfur	ppm	ASTM D5185m	2040	2881	2061	2976		
CONTAMINAN	TS	method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>+100	13	12	5		
Sodium	ppm	ASTM D5185m		31	16	4		
Potassium	ppm	ASTM D5185m	>20	2	6	2		
INFRA-RED		method	limit/base	current	history1	history2		
Soot %	%	*ASTM D7844		0.1	0	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	13.0	13.3	9.8		
			0.0		20.0	21.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	26.3	28.0	21.1		
Sulfation FLUID DEGRAD			>30 limit/base	current	history1	history2		
Sulfation FLUID DEGRAD Dxidation			limit/base					

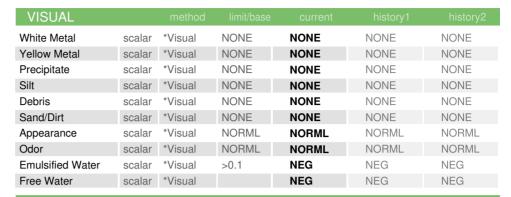


OIL ANALYSIS REPORT



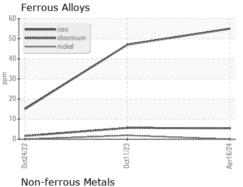


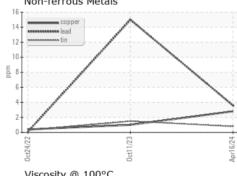


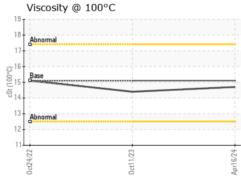


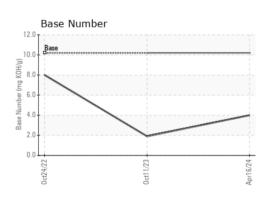
FLUID PROPI	ERHES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.7	14.4	15.1

GRAPHS













Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0113952 Lab Number : 06155746 Unique Number : 10991169

Received : 22 Apr 2024 **Tested** Diagnosed

: 23 Apr 2024 : 24 Apr 2024 - Don Baldridge

GFL Environmental - 932 - Muskego HC W144 S6400 College Ct. Muskego, WI US 53150

> Contact: Brian Schlomann brian.schlomann@gflenv.com T: (262)510-4586

Test Package : FLEET 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)