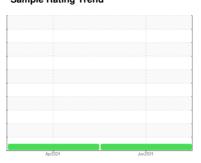


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id
734025
Component

Natural Gas Engine

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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)			Apr2024	Jun2024		
` ,						
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0125240	GFL0117750	
Sample Date		Client Info		25 Jun 2024	10 Apr 2024	
Machine Age	hrs	Client Info		1190	597	
Oil Age	hrs	Client Info		593	597	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	17	40	
	ppm	ASTM D5185m	>4	2	2	
	ppm	ASTM D5185m	>2	<1	2	
	ppm	ASTM D5185m		<1	<1	
	ppm	ASTM D5185m	>3	<1	0	
	ppm	ASTM D5185m	>9	11	10	
	ppm	ASTM D5185m	>30	<1	2	
	ppm	ASTM D5185m	>35	4	19	
	ppm	ASTM D5185m	>4	1	2	
	ppm	ASTM D5185m		<1	0	
	ppm	ASTM D5185m		<1	<1	
	1-1		11			la la tarra O
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	50	9	14	
	ppm	ASTM D5185m	5	<1	0	
	ppm	ASTM D5185m	50	57	55	
•	ppm	ASTM D5185m	0	2	12	
Magnesium	ppm	ASTM D5185m	560	584	687	
	ppm	ASTM D5185m	1510	1621	1215	
Phosphorus	ppm	ASTM D5185m	780	726	675	
Zinc	ppm	ASTM D5185m	870	988	898	
Sulfur	ppm	ASTM D5185m	2040	2401	2549	
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	8	34	
Sodium	ppm	ASTM D5185m		5	5	
Potassium	ppm	ASTM D5185m	>20	48	57	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0	
	Abs/cm	*ASTM D7624	>20	10.8	11.4	
	Abs/.1mm	*ASTM D7415		21.7	22.8	
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
	Abs/.1mm	*ASTM D7414	>25	18.3	20.0	
	mg KOH/g	ASTM D7414		4.6	4.1	
Dase Mullibel (DIN)	ing NOn/g	79 LINI D5020	10.2	4.0	4.1	



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06225651

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0125240

Unique Number : 11103848 Test Package : FLEET (Additional Tests: Glycol)

Received **Tested**

: 01 Jul 2024 : 03 Jul 2024 Diagnosed : 03 Jul 2024 - Don Baldridge

GFL Environmental - 865 - East Mount Hauling 7213 East Mount Houston Road Houston, TX US 77050

Contact: Saul Castillo saul.castillo@gflenv.com T:

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)

Submitted By: TECHNICIAN ACCOUNT

F: