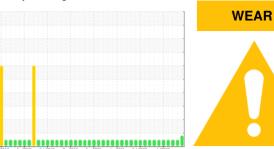


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

10738C AUTOCAR ACX

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (28 QTS)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Valve wear is indicated. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

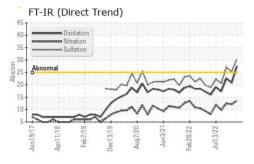
Fluid Condition

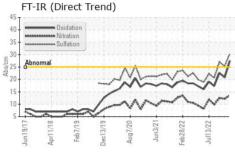
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

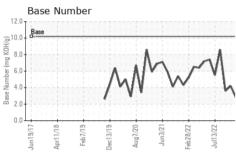
(28 QTS) 12017 Apr2018 Feb2019 Dec2019 Aug2020 Jun2021 Feb2022 Jul2022								
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		GFL0117498	GFL0094759	GFL0089263		
Sample Date		Client Info		12 May 2024	22 Nov 2023	31 Jul 2023		
Machine Age	hrs	Client Info		0	17964	17222		
Oil Age	hrs	Client Info		0	3669	2927		
Oil Changed		Client Info		N/A	Changed	Not Changd		
Sample Status				ABNORMAL	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	42	19	16		
Chromium	ppm	ASTM D5185m	>4	<u>^</u> 6	2	2		
Nickel	ppm	ASTM D5185m	>2	<1	<1	<1		
Titanium	ppm	ASTM D5185m		<1	<1	0		
Silver	ppm	ASTM D5185m	>3	0	0	0		
Aluminum	ppm	ASTM D5185m	>9	4	4	2		
Lead	ppm	ASTM D5185m	>30	21	9	20		
Copper	ppm	ASTM D5185m	>35	4	2	1		
Tin	ppm	ASTM D5185m	>4	1	<1	<1		
Vanadium	ppm	ASTM D5185m		0	0	<1		
Cadmium	ppm	ASTM D5185m		<1	0	0		
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	50	8	8	6		
Barium	ppm	ASTM D5185m	5	<1	0	0		
Molybdenum	ppm	ASTM D5185m	50	64	58	52		
Manganese	ppm	ASTM D5185m	0	2	<1	<1		
Magnesium	ppm	ASTM D5185m	560	653	594	556		
Calcium	ppm	ASTM D5185m	1510	1910	1712	1683		
Phosphorus	ppm	ASTM D5185m	780	901	761	696		
Zinc	ppm	ASTM D5185m	870	1067	1046	967		
Sulfur	ppm	ASTM D5185m	2040	2825	2833	2692		
CONTAMINAN	TS	method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>+100	21	6	4		
Sodium	ppm	ASTM D5185m		31	19	13		
Potassium	ppm	ASTM D5185m	>20	14	10	3		
INFRA-RED		method	limit/base	current	history1	history2		
Soot %	%	*ASTM D7844		0	0	0		
Nitration	Abs/cm	*ASTM D7624	>20	13.6	12.2	12.4		
Sulfation	Abs/.1mm	*ASTM D7415	>30	30.5	25.3	27.0		
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2		
Oxidation	Abs/.1mm	*ASTM D7414	>25	27.5	20.8	22.6		
Base Number (BN)	mg KOH/g	ASTM D2896	10.2	2.8	4.2	3.6		

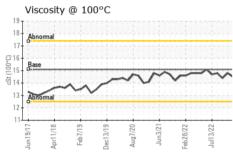


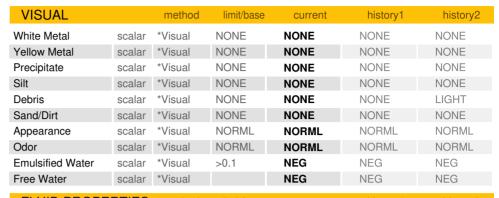
OIL ANALYSIS REPORT





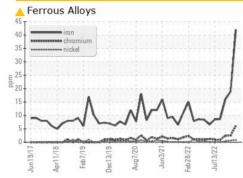


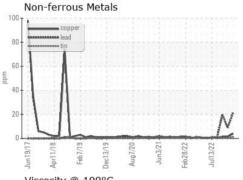


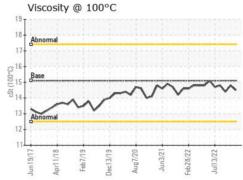


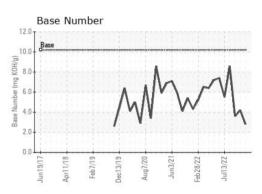
FLUID PROP	EHIIES	method	iiiiii/base	current	riistory i	riistoryz
Visc @ 100°C	cSt	ASTM D445	15.1	14.5	14.8	14.4

GRAPHS













Certificate 12367

Laboratory Sample No. Lab Number : 06176923

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0117498

Unique Number : 11022976 Test Package : FLEET

Received **Tested** Diagnosed

: 13 May 2024 : 14 May 2024

: 14 May 2024 - Don Baldridge

GFL Environmental - 001 - Raleigh(CNG)

3741 Conquest Drive Garner, NC US 27529

Contact: Ronald Gregory rgregory@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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (919)662-1730 Submitted By: Craig Johnson

T: