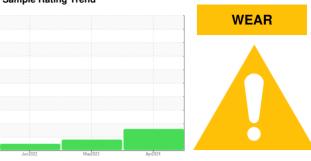


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 401022

Component Transmission (Auto)

PETRO CANADA SYNTHETIC BLEND ATF (--- GAL)

DIAGNOSIS

Recommendation

The fluid change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

Wear

Aluminum and iron ppm levels are abnormal. Torque converter wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

Contamination

There is no indication of any contamination in the fluid.

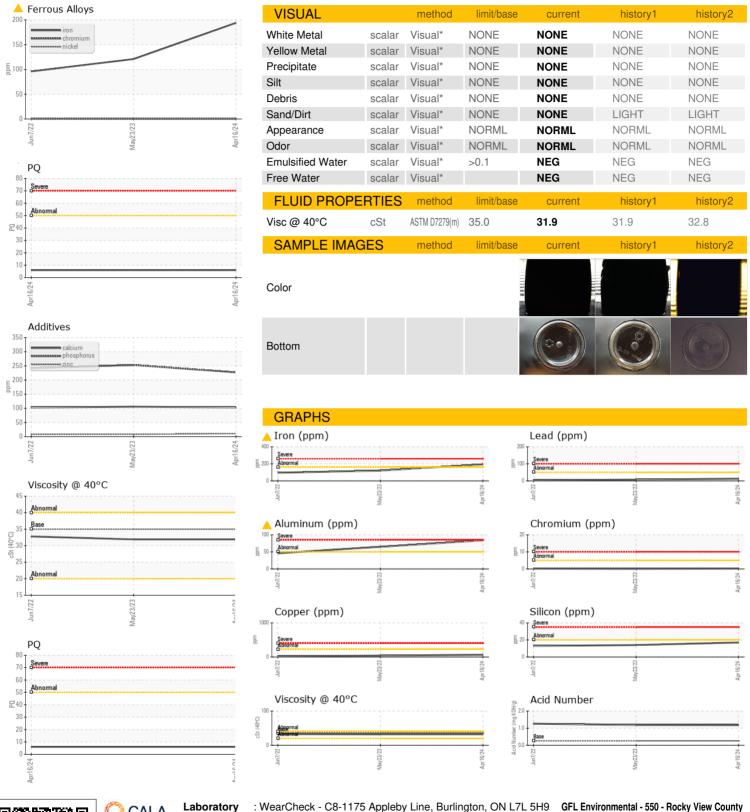
Fluid Condition

Additive levels indicate the addition of a different brand, or type of fluid. The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

(GAL)						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0117305	GFL0077625	GFL0052682
Sample Date		Client Info		16 Apr 2024	23 May 2023	07 Jun 2022
Machine Age	kms	Client Info		21330	685858	0
Oil Age	kms	Client Info		1822	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Sample Status				ABNORMAL	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
PQ		ASTM D8184*	>50	6		
Iron	ppm	ASTM D5185(m)	>160	194	121	96
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	<u> </u>	△ 65	46
Lead	ppm	ASTM D5185(m)	>50	13	7	5
Copper	ppm	ASTM D5185(m)	>225	66	39	23
Tin	ppm	ASTM D5185(m)	>10	5	3	2
Antimony	ppm	ASTM D5185(m)		0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	90	69	75	83
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		1	1	<1
Magnesium	ppm	ASTM D5185(m)		1	1	1
Calcium	ppm	ASTM D5185(m)	30	103	106	103
Phosphorus	ppm	ASTM D5185(m)	310	227	253	242
Zinc	ppm	ASTM D5185(m)	40	11	8	8
Sulfur	ppm	ASTM D5185(m)	2800	1144	1180	1183
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	17	14	13
Sodium	ppm	ASTM D5185(m)		9	9	7
Potassium	ppm	ASTM D5185(m)	>20	2	2	2
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.26	1.18	1.19	1.26



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02631001 Unique Number : 5772154

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GFL0117305 Received : 23 Apr 2024

Tested : 23 Apr 2024 Diagnosed

: 23 Apr 2024 - Kevin Marson Test Package : MOB 2 (Additional Tests: PQ, TAN Man)

Contact: GFL Calgary calgarymaintenance@gflenv.com T:

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

To discuss this sample report, contact Customer Service at 1-800-268-2131.

F: (403)369-6163

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CA T1X 1X1

Rocky View County, AB