



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

4515

Component

Transmission (Auto)

Fluid

PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0117322	GFL0060268	GFL0052683
Sample Date		Client Info		11 Apr 2024	08 Nov 2022	10 Jun 2022
Machine Age	hrs	Client Info		21279	18669	166
Oil Age	hrs	Client Info		0	934	0
Filter Age	hrs	Client Info		0	934	0
Oil Changed		Client Info		Changed	N/A	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>300	24	35	61
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	0	<1
Titanium	ppm	ASTM D5185(m)	>3	0	<1	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>70	10	13	15
Lead	ppm	ASTM D5185(m)	>85	2	5	13
Copper	ppm	ASTM D5185(m)	>90	16	6	8
Tin	ppm	ASTM D5185(m)	>10	2	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

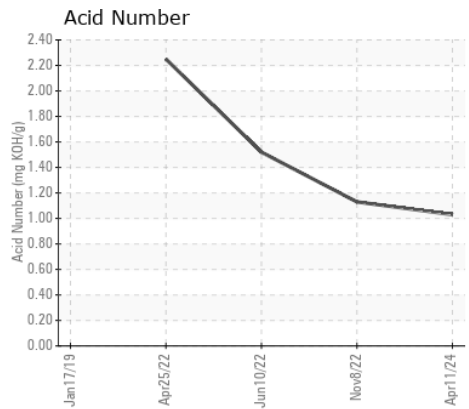
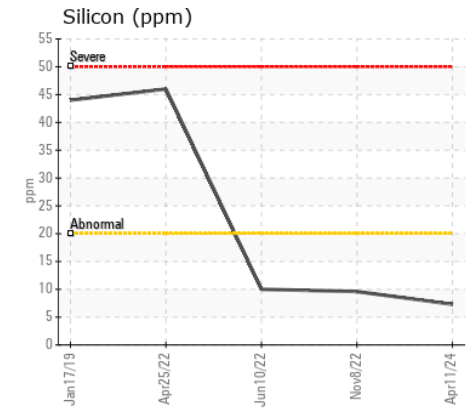
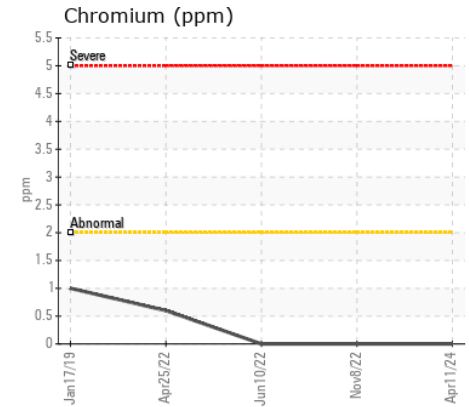
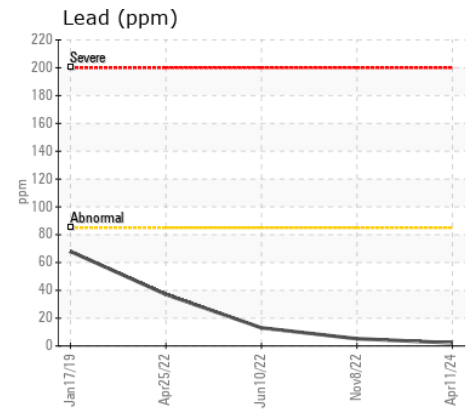
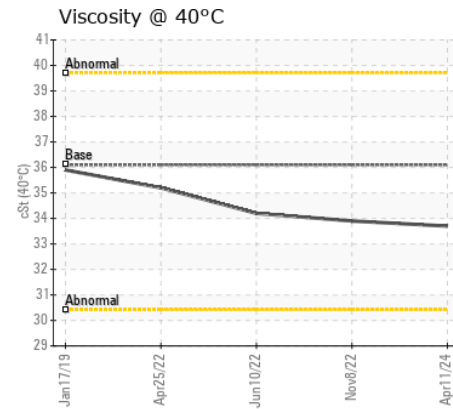
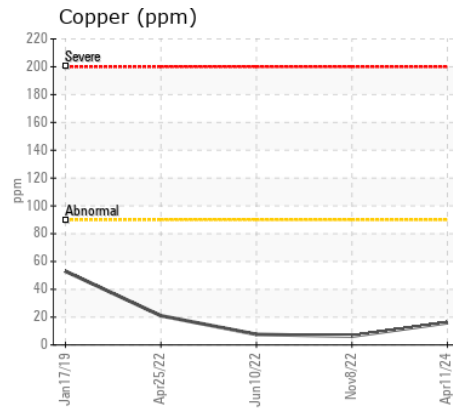
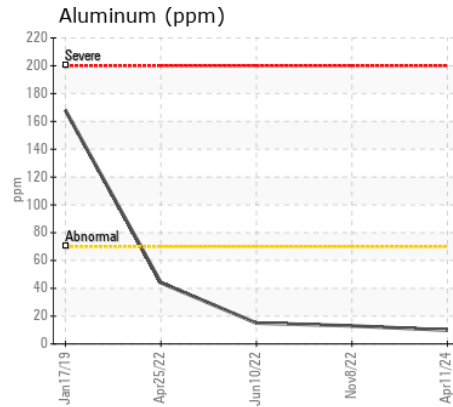
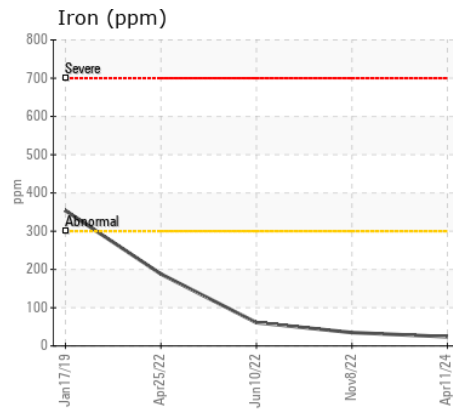
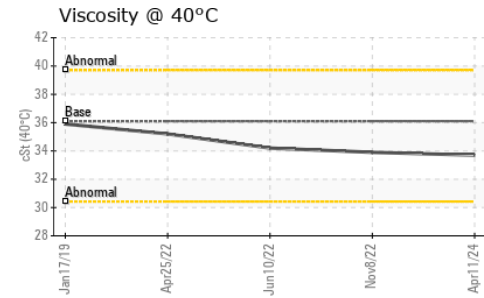
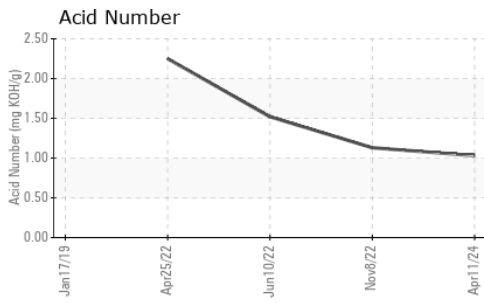
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	7	10	10
Potassium	ppm	ASTM D5185(m)	>20	2	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	LIGHT	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185(m)		5	3	3
Boron	ppm	ASTM D5185(m)		55	83	106
Barium	ppm	ASTM D5185(m)		<1	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		8	2	2
Calcium	ppm	ASTM D5185(m)		129	134	134
Phosphorus	ppm	ASTM D5185(m)		215	246	276
Zinc	ppm	ASTM D5185(m)		14	2	3
Sulfur	ppm	ASTM D5185(m)		1414	1526	1718
Acid Number (AN)	mg KOH/g	ASTM D974*		1.03	1.13	1.52
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.7	33.9	34.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117322
Lab Number : 02629257
Unique Number : 5762389
Test Package : MOB 2 (Additional Tests: TAN Man)
Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 17 Apr 2024 - Wes Davis

GFL Environmental - 550 - Rocky View County
 220 Carmek Blvd
 Rocky View County, AB
 CA T1X 1X1
 Contact: GFL Calgary
 calgarymaintenance@gflenv.com
 T:
 F: (403)369-6163

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