



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

EX0356

Component

Rear Right Final Drive

Fluid

PETRO CANADA TRAXON E SYNTHETIC 80W-140 (6 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0113436	GFL0092330	GFL0056446
Sample Date		Client Info		22 May 2024	09 Feb 2024	08 Jun 2023
Machine Age	hrs	Client Info		5728	5123	3797
Oil Age	hrs	Client Info		605	1326	2000
Filter Age	hrs	Client Info		605	500	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>500	66	227	272
Chromium	ppm	ASTM D5185(m)	>10	<1	3	6
Nickel	ppm	ASTM D5185(m)	>10	1	4	2
Titanium	ppm	ASTM D5185(m)		<1	0	3
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	5	15	55
Lead	ppm	ASTM D5185(m)	>25	0	0	<1
Copper	ppm	ASTM D5185(m)	>50	<1	2	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	<1
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

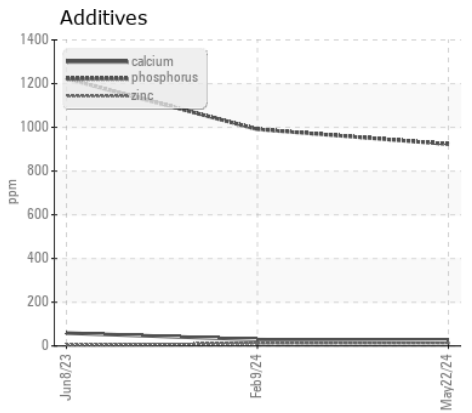
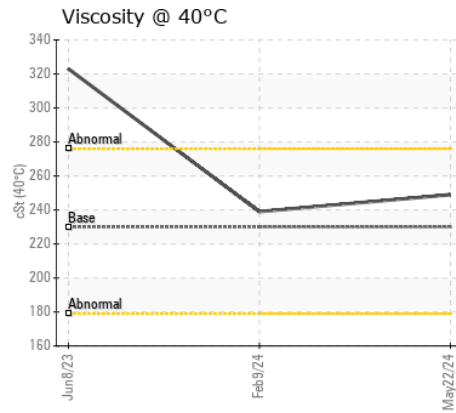
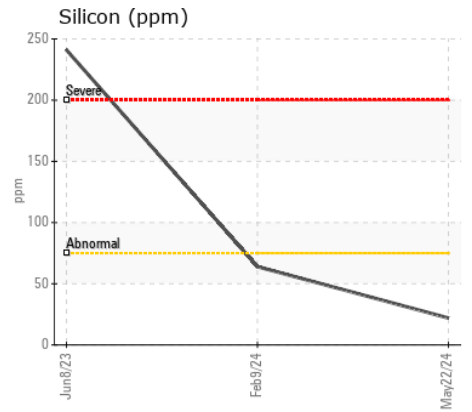
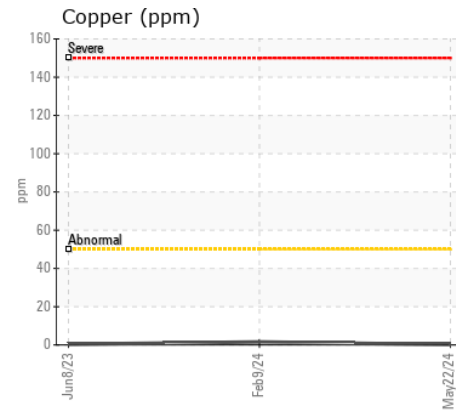
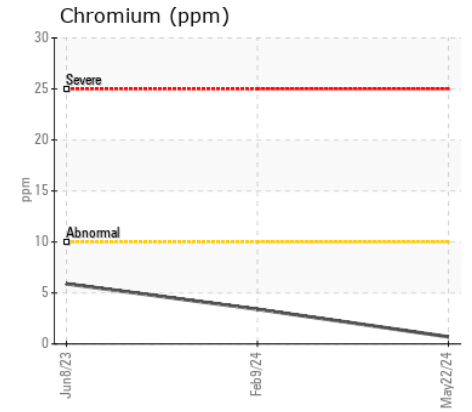
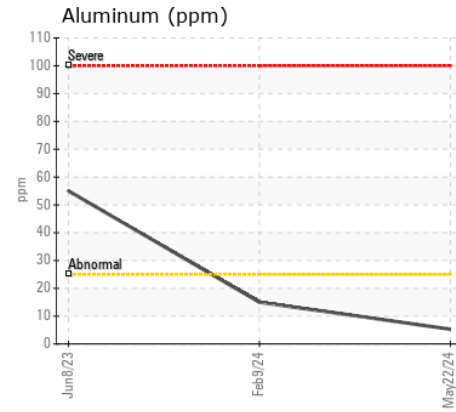
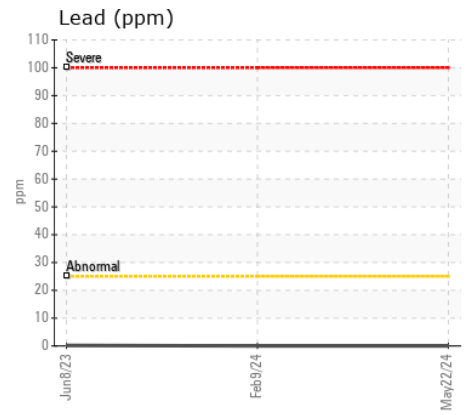
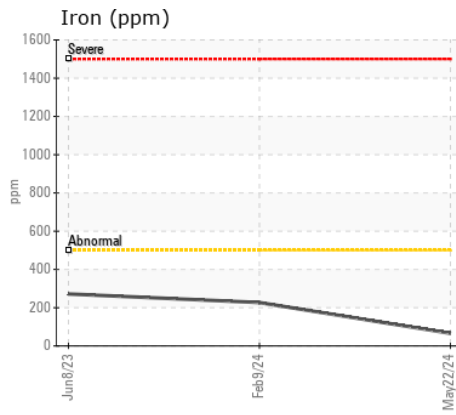
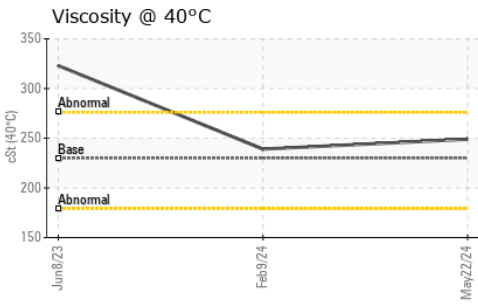
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>75	22	64	241
Potassium	ppm	ASTM D5185(m)	>20	2	8	19
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		2	4	15
Boron	ppm	ASTM D5185(m)	202	225	214	213
Barium	ppm	ASTM D5185(m)	<1	0	0	<1
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		<1	3	5
Magnesium	ppm	ASTM D5185(m)	<1	3	5	13
Calcium	ppm	ASTM D5185(m)		24	29	59
Phosphorus	ppm	ASTM D5185(m)	1209	923	991	1223
Zinc	ppm	ASTM D5185(m)	1	13	12	4
Sulfur	ppm	ASTM D5185(m)	20439	15879	17198	22415
Visc @ 40°C	cSt	ASTM D7279(m)	230	249	239	323



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113436
Lab Number : 02637241
Unique Number : 5786403
Test Package : MOB 1
Received : 23 May 2024
Tested : 23 May 2024
Diagnosed : 23 May 2024 - Wes Davis

GFL Environmental - 720 - Lafleche - Landfill
 17125 Lafleche Road,
 Moose Creek, ON
 CA K0C 1W0
 Contact: Charles Bergeron
 cbergeron@gflenv.com
 T: (613)538-4853
 F:

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.