



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
FARE RF04 GODET 2

Component
Gearbox

Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 220 (30 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0879239	WC0543838	WC0455378
Sample Date		Client Info		14 Mar 2024	25 Feb 2021	05 Aug 2020
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		21	---	---
Iron	ppm	ASTM D5185m	>200	114	138	112
Chromium	ppm	ASTM D5185m	>15	<1	1	<1
Nickel	ppm	ASTM D5185m	>15	<1	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>100	10	11	6
Copper	ppm	ASTM D5185m	>200	1	6	2
Tin	ppm	ASTM D5185m	>25	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

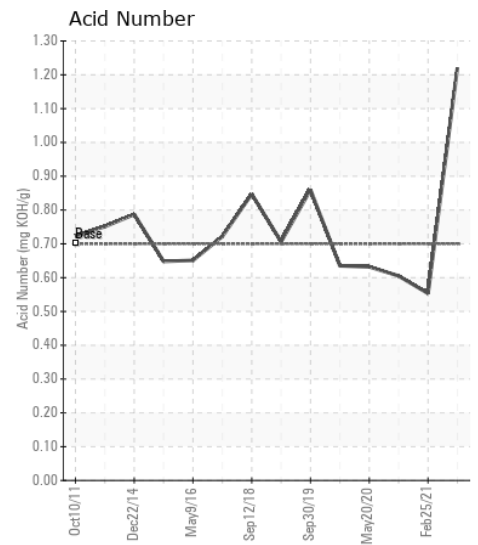
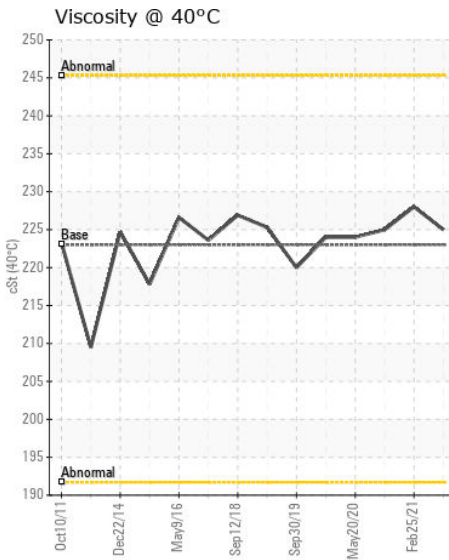
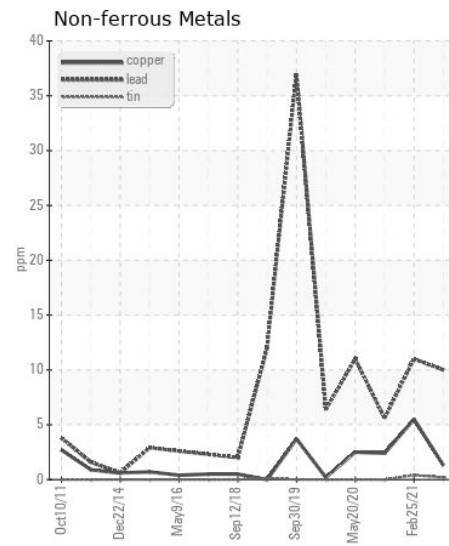
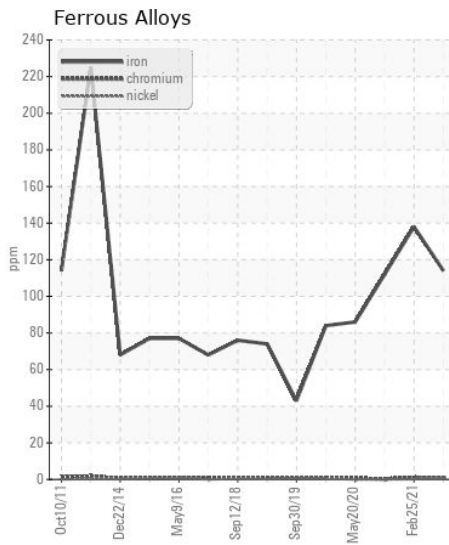
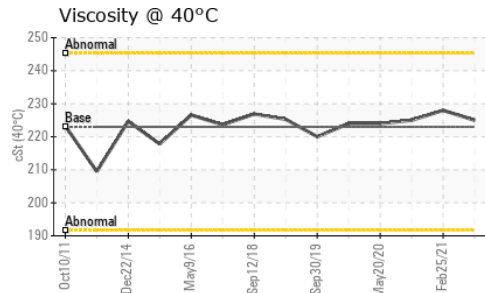
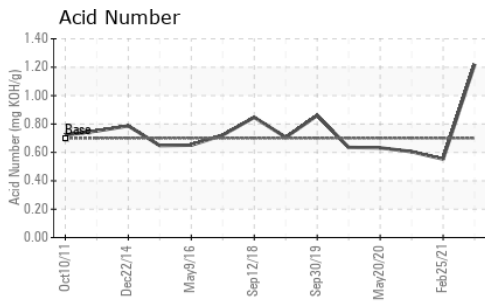
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	6	4	4
Potassium	ppm	ASTM D5185m	>20	3	3	2
Water	%	ASTM D6304	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		3	1	2
Boron	ppm	ASTM D5185m	33	3	5	8
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		2	3	2
Magnesium	ppm	ASTM D5185m	5	<1	0	0
Calcium	ppm	ASTM D5185m	5	<1	0	0
Phosphorus	ppm	ASTM D5185m	437	349	335	322
Zinc	ppm	ASTM D5185m	5	17	39	36
Sulfur	ppm	ASTM D5185m	5000	5127	3996	3773
Acid Number (AN)	mg KOH/g	ASTM D8045	0.7	1.22	0.553	0.605
Visc @ 40°C	cSt	ASTM D445	223	225	228	225



Certificate L2367

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

Sample No. : WC0879239

Lab Number : 06121666

Unique Number : 10930499

Test Package : PLANT

Received : 18 Mar 2024

Tested : 21 Mar 2024

Diagnosed : 21 Mar 2024 - Jonathan Hester

PROPEX RINGGOLD PLANT

428 ROLLINS INDUSTRIAL BLVD

RINGGOLD, GA

US 30736

Contact: MITCH HELTON

MITCH.HELTON@PROPEXGLOBAL.COM

T: (423)553-3723

F:

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)