



OIL ANALYSIS REPORT

| | |
|-----------------|-----------------|
| WEAR | ABNORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
FARE RF03 GODET 3

Component
Gearbox

Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 220 (30 GAL)

RECOMMENDATION

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

WEAR

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

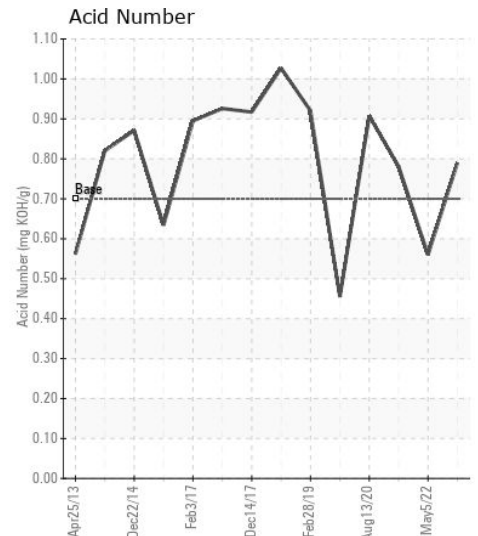
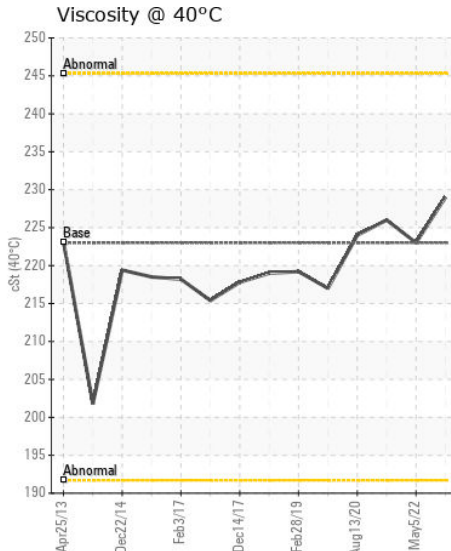
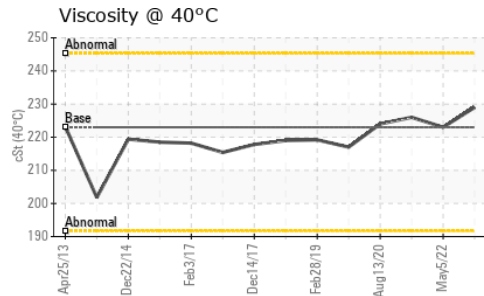
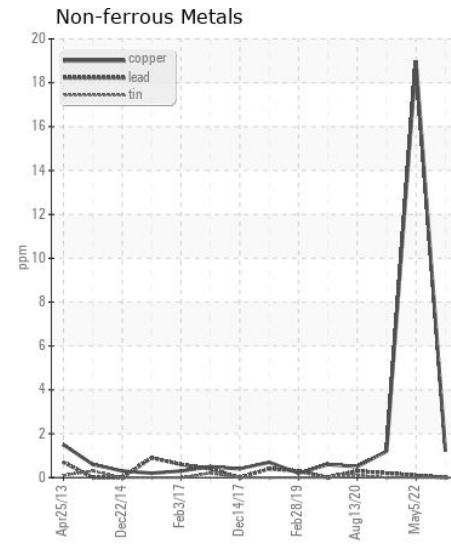
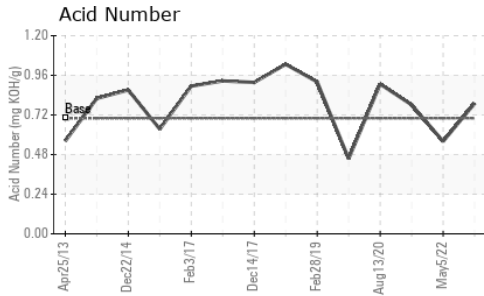
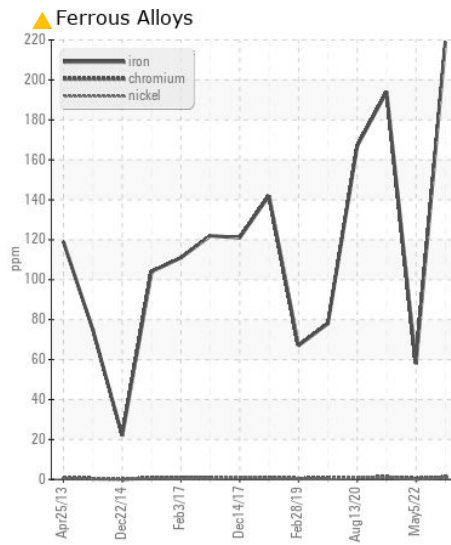
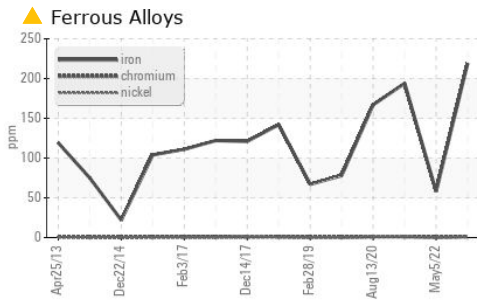
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|----------|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | WC0688518 | WC0694281 | WC0543845 |
| Sample Date | | Client Info | | 11 Jul 2023 | 05 May 2022 | 25 Feb 2021 |
| 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 | | | | ABNORMAL | NORMAL | NORMAL |
| Iron | ppm | ASTM D5185m | >200 | ▲ 219 | 58 | 194 |
| Chromium | ppm | ASTM D5185m | >15 | 1 | <1 | 1 |
| Nickel | ppm | ASTM D5185m | >15 | <1 | 0 | 1 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >100 | 0 | <1 | <1 |
| Copper | ppm | ASTM D5185m | >200 | 1 | 19 | 1 |
| Tin | ppm | ASTM D5185m | >25 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | MODER | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Silicon | ppm | ASTM D5185m | >50 | 4 | 6 | 4 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | <1 |
| Water | | WC Method | >0.2 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | LIGHT | 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 |
| Sodium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| Boron | ppm | ASTM D5185m | 33 | 16 | 3 | 18 |
| Barium | ppm | ASTM D5185m | 5 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | | 3 | 1 | 2 |
| Magnesium | ppm | ASTM D5185m | 5 | 1 | 0 | 0 |
| Calcium | ppm | ASTM D5185m | 5 | 0 | 4 | 0 |
| Phosphorus | ppm | ASTM D5185m | 437 | 357 | 345 | 341 |
| Zinc | ppm | ASTM D5185m | 5 | 19 | 156 | 0 |
| Sulfur | ppm | ASTM D5185m | 5000 | 5354 | 3990 | 3664 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.7 | 0.79 | 0.56 | 0.781 |
| Visc @ 40°C | cSt | ASTM D445 | 223 | 229 | 223 | 226 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0688518
Lab Number : 05900079
Unique Number : 10561435
Test Package : PLANT

PROPEX RINGGOLD PLANT
 428 ROLLINS INDUSTRIAL BLVD
 RINGGOLD, GA
 US 30736
 Contact: STEWART DOMAINGUE
 stewart.domaingue@propexglobal.com
 T: (423)553-3843
 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)