



OIL ANALYSIS REPORT

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

Machine Id
EPIROC MT65 TRK219
 Component
Hydraulic System
 Fluid
PETRO CANADA HYDREX AW 68 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

FLUID CONDITION

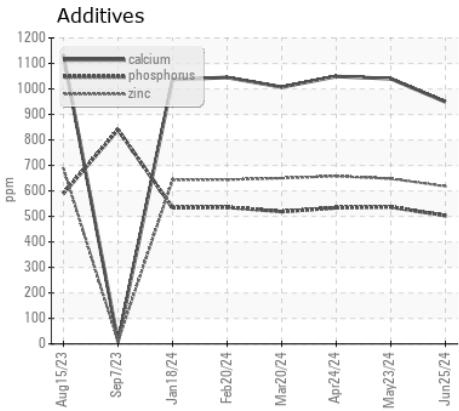
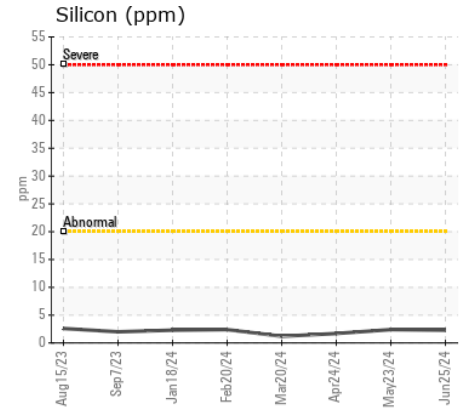
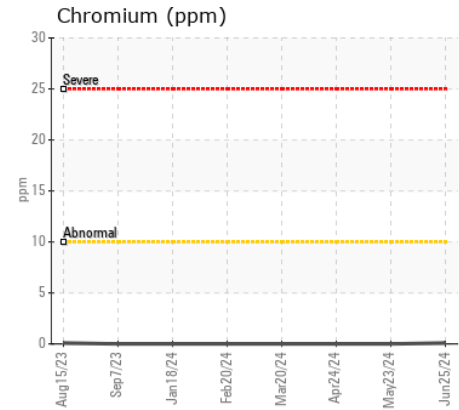
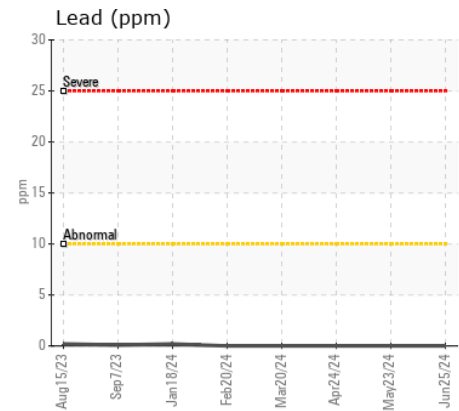
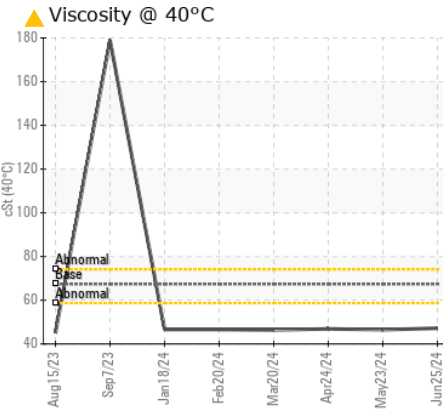
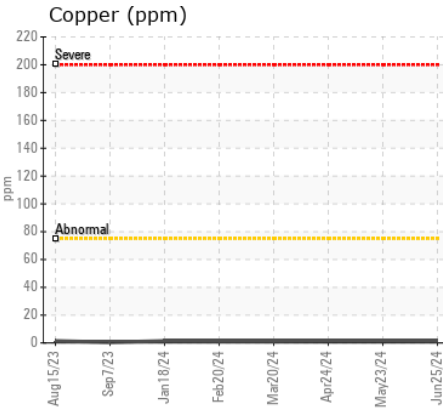
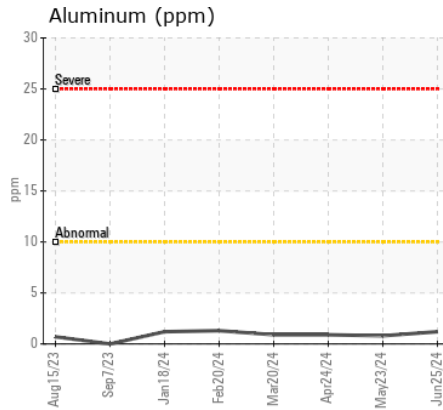
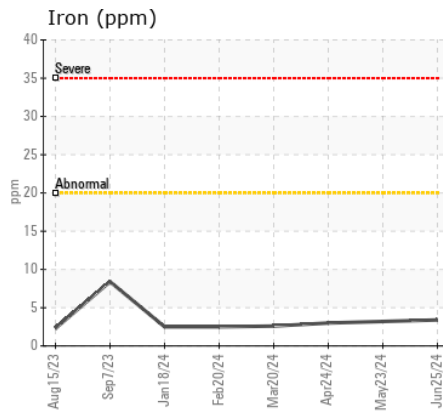
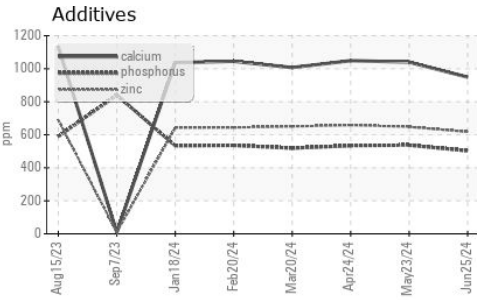
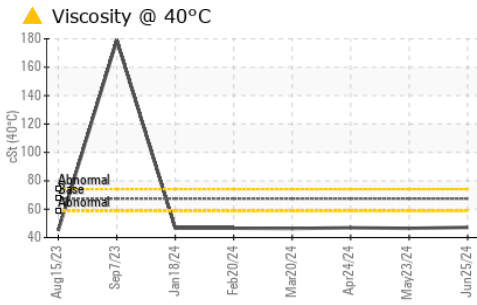
Viscosity of sample indicates oil is within SAE 10W range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | WC0904147 | WC0937726 | WC0920126 |
| Sample Date | | Client Info | | 25 Jun 2024 | 23 May 2024 | 24 Apr 2024 |
| Machine Age | hrs | Client Info | | 9229 | 0 | 0 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changed | Changed | N/A |
| Filter Changed | | Client Info | | Changed | Changed | N/A |
| Sample Status | | | | ABNORMAL | ABNORMAL | NORMAL |

| | | | | | | |
|--------------|--------|---------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185(m) | >20 | 3 | 3 | 3 |
| Chromium | ppm | ASTM D5185(m) | >10 | <1 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >10 | <1 | 0 | 0 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >10 | 1 | <1 | <1 |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185(m) | >75 | 2 | 2 | 2 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | VLITE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185(m) | >20 | 2 | 2 | 2 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Water | | WC Method | >0.1 | 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* | >0.1 | NEG | NEG | NEG |

| | | | | | | |
|-------------|-----|---------------|------|---------------|--------|------|
| Sodium | ppm | ASTM D5185(m) | | 2 | 2 | 2 |
| Boron | ppm | ASTM D5185(m) | 0 | 26 | 28 | 28 |
| Barium | ppm | ASTM D5185(m) | 0 | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185(m) | 0 | 3 | 4 | 3 |
| Calcium | ppm | ASTM D5185(m) | 50 | 949 | 1040 | 1049 |
| Phosphorus | ppm | ASTM D5185(m) | 330 | 503 | 537 | 534 |
| Zinc | ppm | ASTM D5185(m) | 430 | 618 | 648 | 658 |
| Sulfur | ppm | ASTM D5185(m) | 760 | 1974 | 1743 | 1770 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 67.4 | ▲ 47.2 | ▲ 46.5 | 46.9 |



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : WC0904147

Lab Number : 02645523

Unique Number : 5803062

Test Package : MOB 1 (Additional Tests: Bottom, FilterPatch)

Received : 04 Jul 2024

Tested : 05 Jul 2024

Diagnosed : 05 Jul 2024 - Kevin Marson

Agnico Eagle Canada
1350 Government Rd. W, MACASSA COMPLEX

Kirkland Lake, ON

CA P2N 3J1

Contact: Mitch Lamontagne

AEM_KL_macassaoilsampleresults@agnicoeagle.com

T: (705)567-5208

F: (705)567-5221

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.