

Area
MICHAUDVILLE

Machine Id
5010

Component
Hydraulic System

Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

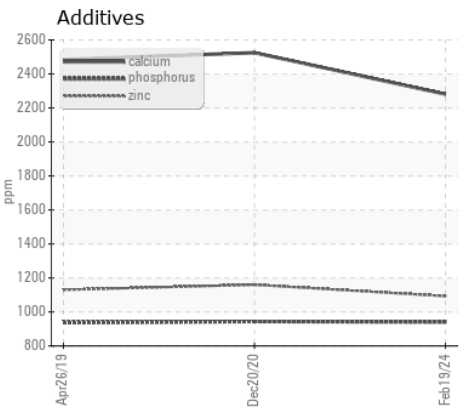
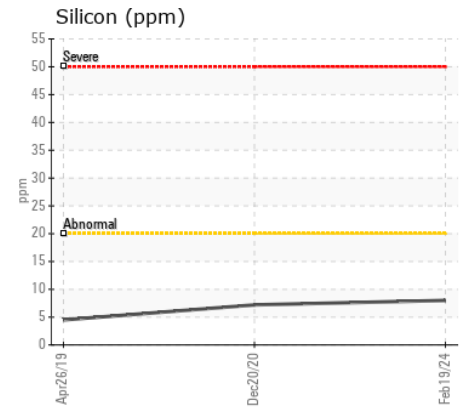
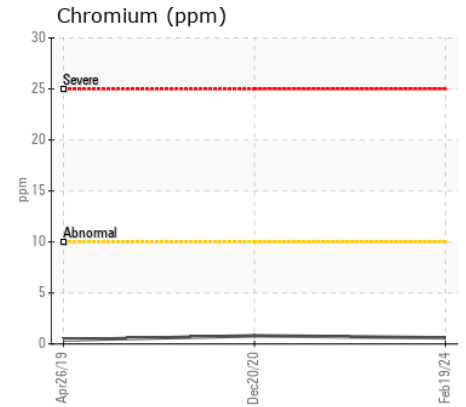
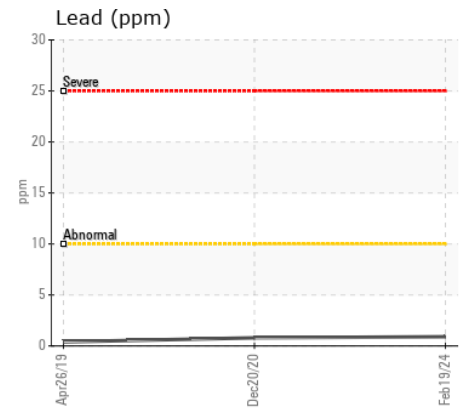
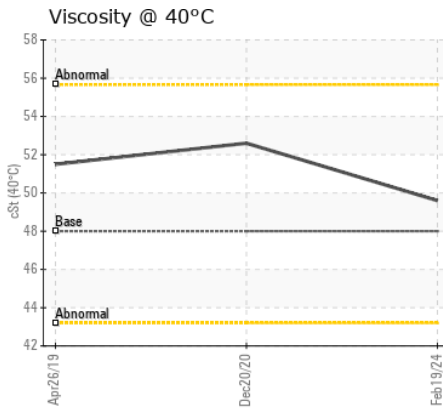
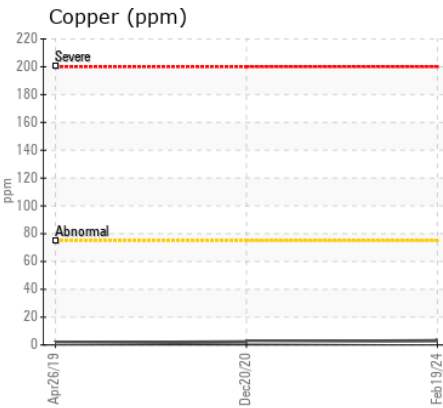
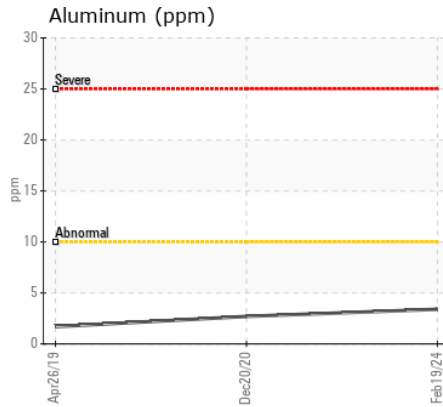
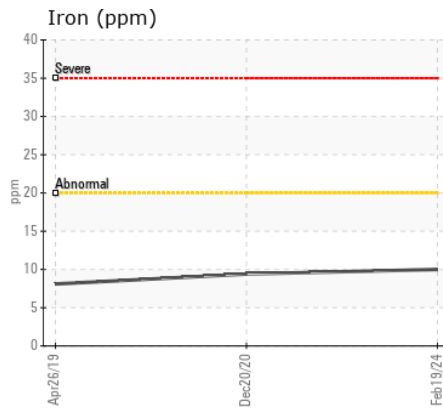
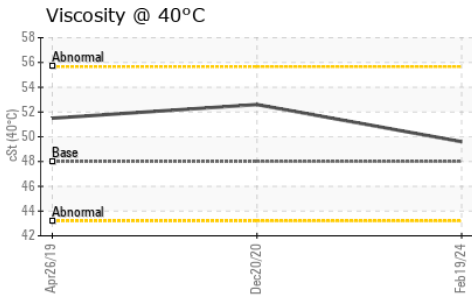
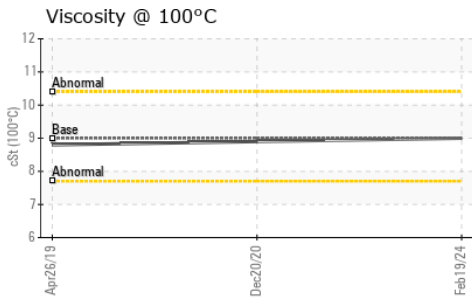
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------------|--------|---------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | PC0083501 | PC0038862 | PC0012954 |
| Sample Date | | Client Info | | 19 Feb 2024 | 20 Dec 2020 | 26 Apr 2019 |
| Machine Age | hrs | Client Info | | 14524 | 13364 | 12212 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | Not Changd | Not Changd |
| Filter Changed | | Client Info | | N/A | Not Changd | Not Changd |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |
| Iron | ppm | ASTM D5185(m) | >20 | 10 | 9 | 8 |
| Chromium | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >10 | 0 | <1 | <1 |
| Titanium | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Silver | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >10 | 3 | 3 | 2 |
| Lead | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Copper | ppm | ASTM D5185(m) | >75 | 3 | 2 | 1 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Silicon | ppm | ASTM D5185(m) | >20 | 8 | 7 | 4 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 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 | VLITE | NONE | NONE |
| Appearance | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | Visual* | >0.1 | NEG | NEG | .2% |
| Sodium | ppm | ASTM D5185(m) | | 6 | 7 | 9 |
| Boron | ppm | ASTM D5185(m) | 10 | 5 | 6 | 8 |
| Barium | ppm | ASTM D5185(m) | 10 | <1 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185(m) | 10 | 17 | 15 | 15 |
| Manganese | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnesium | ppm | ASTM D5185(m) | 100 | 239 | 203 | 187 |
| Calcium | ppm | ASTM D5185(m) | 3500 | 2281 | 2525 | 2485 |
| Phosphorus | ppm | ASTM D5185(m) | 1150 | 941 | 944 | 937 |
| Zinc | ppm | ASTM D5185(m) | 1150 | 1093 | 1160 | 1130 |
| Sulfur | ppm | ASTM D5185(m) | 3000 | 3710 | 3794 | 3818 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 48 | 49.6 | 52.6 | 51.5 |
| Visc @ 100°C | cSt | ASTM D7279(m) | 9.0 | 9 | 8.9 | 8.8 |
| Viscosity Index (VI) | Scale | ASTM D2270* | 171 | 164 | 148 | 150 |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083501 **Received** : 20 Feb 2024
Lab Number : 02616689 **Tested** : 20 Feb 2024
Unique Number : 5733799 **Diagnosed** : 21 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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.

T:
F: