



Machine Id
OR483
Component
Hydraulic System
Fluid
APRIL TDH PLUS 32 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide était spécifié comme APRIL TDH PLUS 32, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du SAE 75W80 Tractor TDH Fluid. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon.

WEAR

Usure de palier et (ou) de douille.

CONTAMINATION

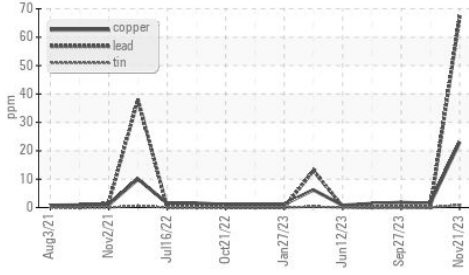
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

FLUID CONDITION

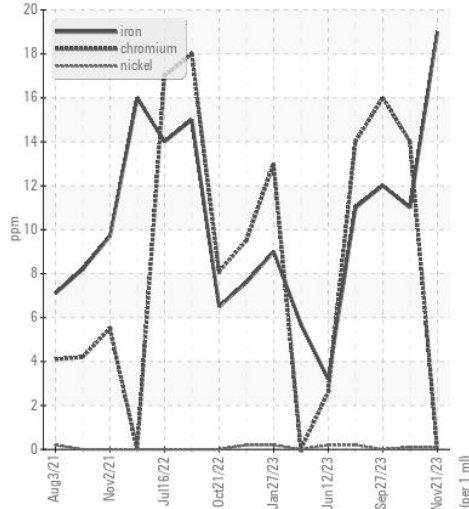
La viscosité de l'huile est plus élevée que la normale. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|---------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | GFL0089234 | GFL0089217 | GFL0061619 |
| Sample Date | | Client Info | | 21 Nov 2023 | 11 Nov 2023 | 27 Sep 2023 |
| Machine Age | hrs | Client Info | | 11824 | 11770 | 11453 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Changed | N/A |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | SEVERE | ABNORMAL | ABNORMAL |
| Iron | ppm | ASTM D5185(m) | >71 | 19 | 11 | 12 |
| Chromium | ppm | ASTM D5185(m) | >11 | 0 | ▲ 14 | ▲ 16 |
| Nickel | ppm | ASTM D5185(m) | >6 | <1 | <1 | 0 |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | | <1 | <1 | 3 |
| Aluminum | ppm | ASTM D5185(m) | >11 | <1 | 1 | 1 |
| Lead | ppm | ASTM D5185(m) | >13 | ● 67 | 0 | <1 |
| Copper | ppm | ASTM D5185(m) | >21 | ▲ 23 | 2 | 2 |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | 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) | >24 | 4 | 0 | 2 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 0 | <1 |
| Water | | WC Method | >0.075 | NEG | NEG | NEG |
| Particles >4µm | | ASTM D7647 | >80000 | 14505 | 4755 | 4484 |
| Particles >6µm | | ASTM D7647 | >5000 | 4180 | 810 | 1271 |
| Particles >14µm | | ASTM D7647 | >640 | 353 | 77 | 105 |
| Particles >21µm | | ASTM D7647 | >160 | 99 | 21 | 30 |
| Particles >38µm | | ASTM D7647 | >40 | 8 | 1 | 5 |
| Particles >71µm | | ASTM D7647 | >10 | 1 | 0 | 1 |
| Oil Cleanliness | | ISO 4406 (c) | >23/19/16 | 21/19/16 | 19/17/13 | 19/17/14 |
| 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* | >0.075 | NEG | NEG | NEG |
| Sodium | ppm | ASTM D5185(m) | >21 | 2 | 0 | 2 |
| Boron | ppm | ASTM D5185(m) | | 2 | <1 | <1 |
| Barium | ppm | ASTM D5185(m) | | 1 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185(m) | | 1 | <1 | 1 |
| Manganese | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185(m) | | 19 | 25 | 32 |
| Calcium | ppm | ASTM D5185(m) | | 3211 | 109 | 124 |
| Phosphorus | ppm | ASTM D5185(m) | | 1240 | 381 | 400 |
| Zinc | ppm | ASTM D5185(m) | | 1313 | 433 | 450 |
| Sulfur | ppm | ASTM D5185(m) | | 3644 | 925 | 956 |
| Visc @ 40°C | cSt | ASTM D7279(m) | | ▲ 41.1 | 32.5 | ▲ 33.0 |

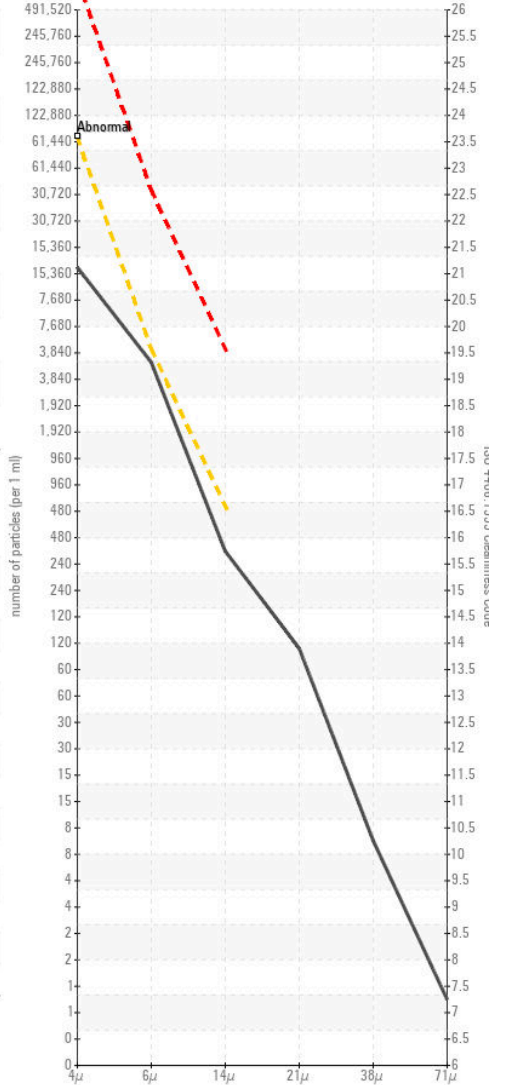
Non-ferrous Metals



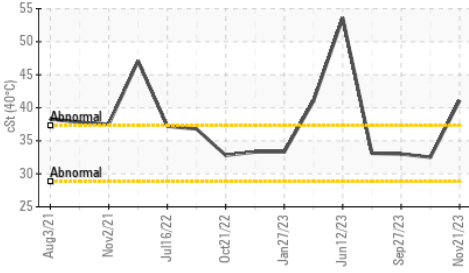
Ferrous Alloys



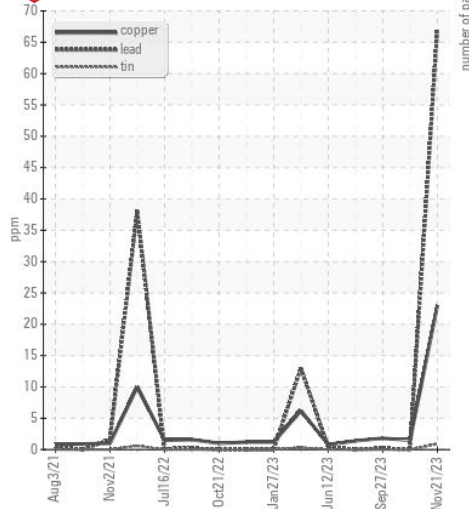
Particle Count



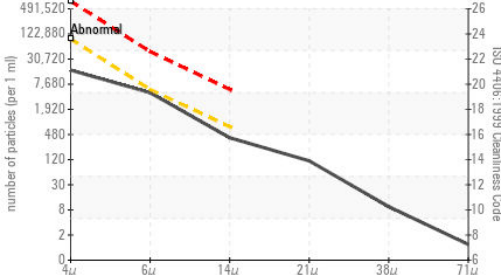
Viscosity @ 40°C



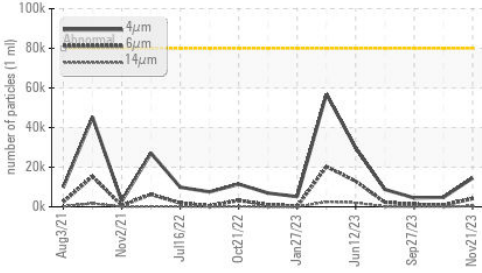
Non-ferrous Metals



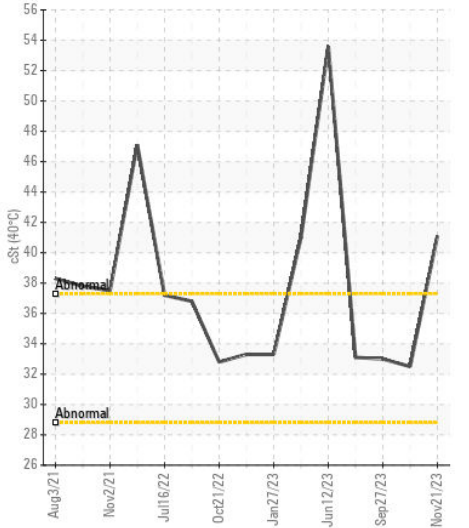
Particle Count



Particle Trend



Viscosity @ 40°C



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0089234
Lab Number : 02600981
Unique Number : 5694066
Test Package : MOB 1 (Additional Tests: PrtCount)

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 T: (450)773-9689
 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.