

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 152152-1216 - Hydraulic System

Sample No: LH0277268

Oil Type: NOT GIVEN



SCIERIE DION & FILS INC
 147 RUE ST-ALEXIS
 ST.RAYMOND, QC
 CA G3L 1S1
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-------------|-----|
| Sample Number | LH0277268 | LH0271473 | LH0265475 | --- |
| Sample Date | 22 Nov 2023 | 11 Oct 2023 | 11 Sep 2023 | --- |
| Machine Hours | 1804 | 1021 | 630 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Not Changd | Not Changd | Not Changd | --- |
| Sample Status | NORMAL | NORMAL | NORMAL | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|------|------|-----|
| Visc @ 40°C | cSt | 41.4 | 45.8 | 44.7 | --- |
|-------------|-----|------|------|------|-----|



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|----------|----------|-----|
| Water | % | NEG | NEG | NEG | --- |
| Particles >4µm | | 285 | 1822 | 2130 | --- |
| Particles >6µm | | 88 | 454 | 517 | --- |
| Particles >14µm | | 8 | 24 | 24 | --- |
| ISO 4406:1999 (c) | | 15/14/10 | 18/16/12 | 18/16/12 | --- |
| Silicon | ppm | 2 | 2 | 2 | --- |
| Sodium | ppm | 2 | 1 | 1 | --- |
| Potassium | ppm | <1 | 2 | 1 | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|-----|
| Iron | ppm | 9 | 11 | 10 | --- |
| Copper | ppm | 2 | 3 | 2 | --- |
| Lead | ppm | <1 | <1 | <1 | --- |
| Tin | ppm | 0 | 0 | 0 | --- |
| Aluminum | ppm | <1 | <1 | <1 | --- |
| Chromium | ppm | 0 | 0 | <1 | --- |
| Molybdenum | ppm | 0 | 0 | 0 | --- |
| Nickel | ppm | <1 | <1 | <1 | --- |
| Titanium | ppm | 0 | 0 | <1 | --- |
| Silver | ppm | <1 | <1 | 0 | --- |
| Manganese | ppm | 0 | 0 | <1 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|-----|
| Calcium | ppm | 1059 | 1330 | 1388 | --- |
| Magnesium | ppm | 6 | 8 | 9 | --- |
| Zinc | ppm | 645 | 718 | 728 | --- |
| Phosphorus | ppm | 546 | 619 | 696 | --- |
| Barium | ppm | <1 | <1 | 0 | --- |
| Boron | ppm | <1 | <1 | <1 | --- |

Diagnosis

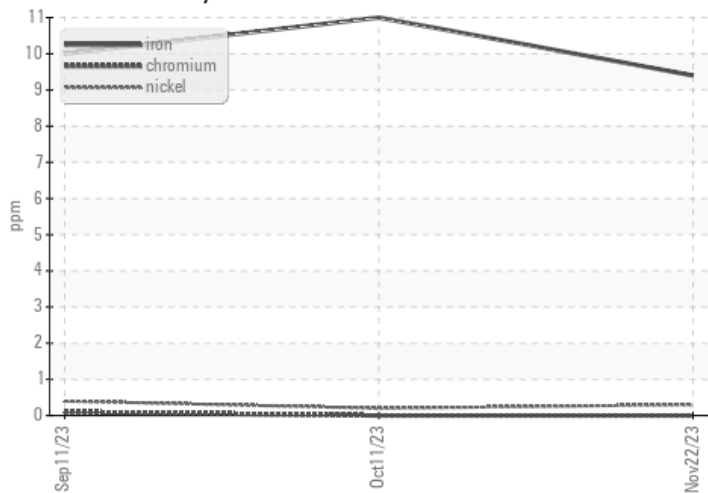
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

Depot: SCISTR
 Unique No: 5684384
 Signed: Wes Davis
 Report Date: 29 Nov 2023

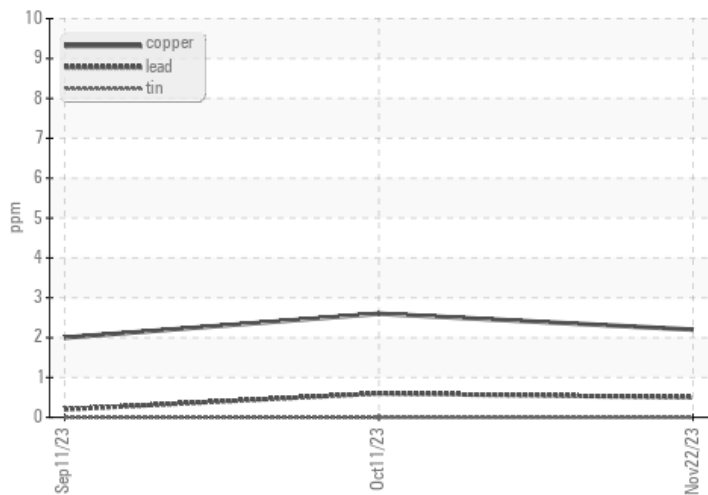


GRAPHS

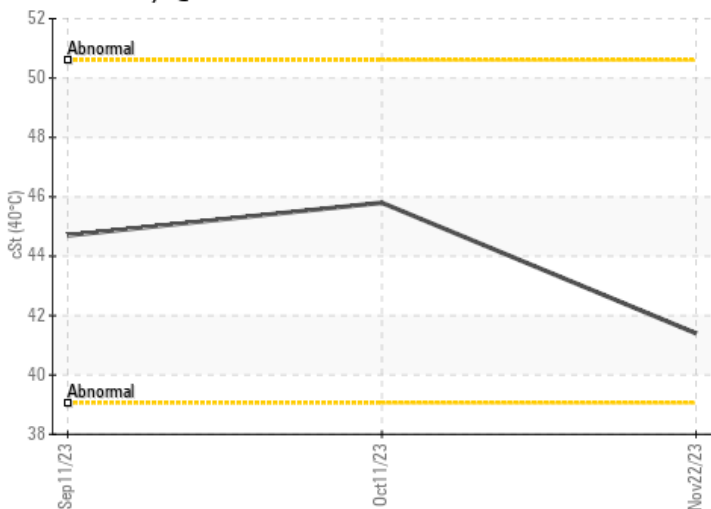
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

