

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R918 04289 - Hydraulic System

Sample No: LH0265486

Oil Type: NOT GIVEN



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0265486 | --- | --- | --- |
| Sample Date | 04 Oct 2023 | --- | --- | --- |
| Machine Hours | 3070 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | SEVERE | --- | --- | --- |

Location Deric

5145 rue Rideau

Quebec, QC

CA G2E 5H5

Contact: Pascal Langlois

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T:

F:



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 45.5 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Particles >4µm | | ● 9836 | --- | --- | --- |
| Particles >6µm | | ● 2202 | --- | --- | --- |
| Particles >14µm | | ● 66 | --- | --- | --- |
| ISO 4406:1999 (c) | | 20/18/13 | --- | --- | --- |
| Silicon | ppm | ● 4 | --- | --- | --- |
| Sodium | ppm | ● 3 | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ● 0 | --- | --- | --- |
| Iron | ppm | ● 168 | --- | --- | --- |
| Copper | ppm | ● 4 | --- | --- | --- |
| Lead | ppm | ● <1 | --- | --- | --- |
| Tin | ppm | ● 1 | --- | --- | --- |
| Aluminum | ppm | ● 1 | --- | --- | --- |
| Chromium | ppm | ● 2 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | ● 0 | --- | --- | --- |
| Silver | ppm | ● <1 | --- | --- | --- |
| Manganese | ppm | ● 2 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ● 25 | --- | --- | --- |
| Magnesium | ppm | ● <1 | --- | --- | --- |
| Zinc | ppm | ● 51 | --- | --- | --- |
| Phosphorus | ppm | ● 199 | --- | --- | --- |
| Barium | ppm | ● <1 | --- | --- | --- |
| Boron | ppm | ● <1 | --- | --- | --- |

Diagnosis

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. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Le taux de fer est important. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: LOC514QUE

Unique No: 5656259

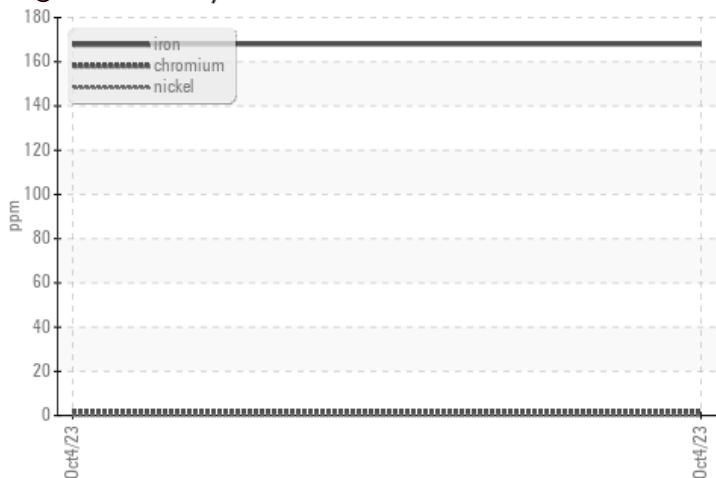
Signed: Kevin Marson

Report Date: 06 Oct 2023

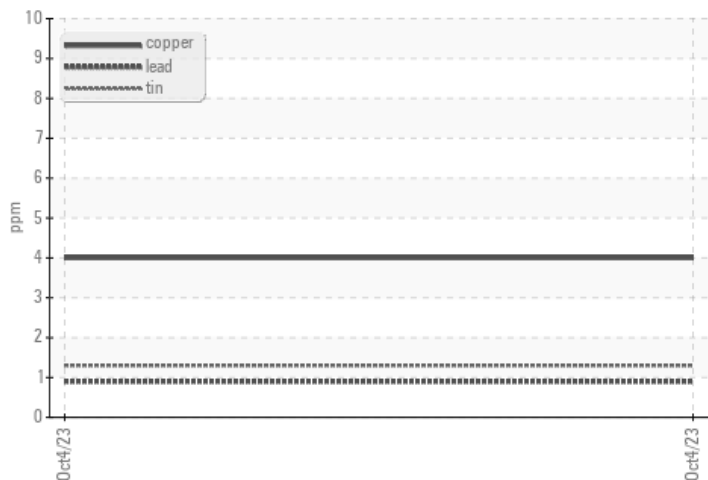


GRAPHS

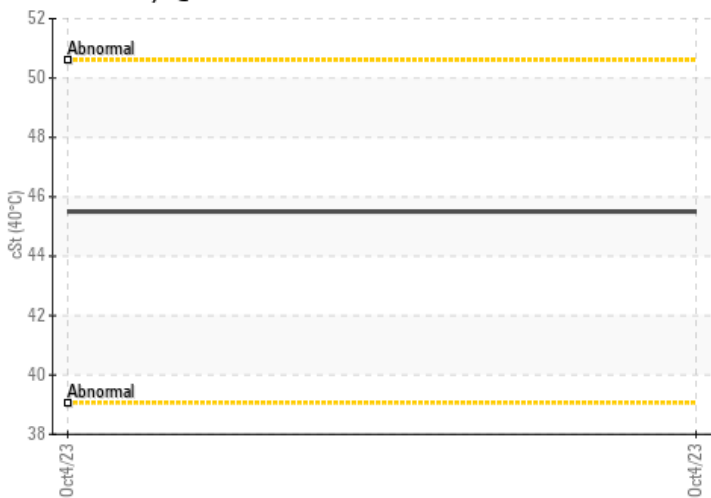
● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

