

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 113155 - Hydraulic System

Sample No: LH
Oil Type: {unknown}



LIEBHERR CANADA LTEE
444 AVENUE DE LA FRICHE
DOLBEAU-MISTASSINI, QC
CA G8L 3M7
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH | --- | --- | --- |
| Sample Date | 13 Mar 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | SEVERE | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 42.3 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Particles >4µm | | ● 66325 | --- | --- | --- |
| Particles >6µm | | ● 2048 | --- | --- | --- |
| Particles >14µm | | ● 26 | --- | --- | --- |
| ISO 4406:1999 (c) | | 23/18/12 | --- | --- | --- |
| Silicon | ppm | ● 2 | --- | --- | --- |
| Sodium | ppm | ● 2 | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ● 25 | --- | --- | --- |
| Iron | ppm | ● 121 | --- | --- | --- |
| Copper | ppm | ● 5 | --- | --- | --- |
| Lead | ppm | ● 1 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● <1 | --- | --- | --- |
| Chromium | ppm | ● 2 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | ● 0 | --- | --- | --- |
| Silver | ppm | ● 0 | --- | --- | --- |
| Manganese | ppm | ● 2 | --- | --- | --- |
| Vanadium | ppm | ● <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ● 822 | --- | --- | --- |
| Magnesium | ppm | ● 4 | --- | --- | --- |
| Zinc | ppm | ● 486 | --- | --- | --- |
| Phosphorus | ppm | ● 522 | --- | --- | --- |
| Barium | ppm | ● 0 | --- | --- | --- |
| Boron | ppm | ● <1 | --- | --- | --- |

Diagnosis

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous recommandons le remplacement des filtres de ce composant. 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. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: LBADOL
Unique No: 5542116
Signed: Kevin Marson
Report Date: 16 Mar 2023



GRAPHS

