

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Swing Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH | LH0259745 | --- | --- |
| Sample Date | 04 Jul 2023 | 17 May 2023 | --- | --- |
| Machine Hours | 2000 | 1020 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | N/A | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

PF Resolu Canada Inc.
 5850 avenue des jardins
 La Dore, QC
 CA G8J 1B4
 Contact: Dominic Caron



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 179 | 181 | --- | --- |
|-------------|-----|-----|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Silicon | ppm | <1 | <1 | --- | --- |
| Sodium | ppm | 2 | 2 | --- | --- |
| Potassium | ppm | <1 | 1 | --- | --- |

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

| | | | | | |
|------------|-----|----|----|-----|-----|
| Iron | ppm | 91 | 72 | --- | --- |
| Copper | ppm | 40 | 40 | --- | --- |
| Lead | ppm | <1 | <1 | --- | --- |
| Tin | ppm | 2 | 2 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | <1 | 0 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | 1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 13 | 9 | --- | --- |
| Magnesium | ppm | 1 | <1 | --- | --- |
| Zinc | ppm | 14 | 10 | --- | --- |
| Phosphorus | ppm | 2354 | 2505 | --- | --- |
| Barium | ppm | 1 | 2 | --- | --- |
| Boron | ppm | 1 | 2 | --- | --- |

Depot: ABILAD
Unique No: 5605917
Signed: Kevin Marson
Report Date: 10 Jul 2023



GRAPHS

