

LIEBHERR

CONSTRUCTION EQUIPMENT



[(352615)] LIEBHERR LH50M 131737-1216 - Swing Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



METAL EXPRESS (9055-2480 QUEBEC INC)
254 RUE RICHARD-AUDET
ROXTON FALLS, QC
CA J0H 1E0
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F:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH | LH0256432 | --- | --- |
| Sample Date | 06 Feb 2024 | 03 Apr 2023 | --- | --- |
| Machine Hours | 2904 | 2028 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 187 | 182 | --- | --- |
|-------------|-----|-----|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 1 | 1 | --- | --- |
| Sodium | ppm | 2 | 3 | --- | --- |
| Potassium | ppm | 1 | <1 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | 200 | 227 | --- | --- |
| Copper | ppm | 72 | 58 | --- | --- |
| Lead | ppm | 2 | 2 | --- | --- |
| Tin | ppm | 2 | 1 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | 1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 1 | 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 24 | 31 | --- | --- |
| Magnesium | ppm | 1 | <1 | --- | --- |
| Zinc | ppm | 35 | 29 | --- | --- |
| Phosphorus | ppm | 2256 | 2517 | --- | --- |
| Barium | ppm | 1 | 1 | --- | --- |
| Boron | ppm | 2 | 2 | --- | --- |

Diagnosis

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: METROX
Unique No: 5723563
Signed: Kevin Marson
Report Date: 12 Feb 2024



GRAPHS

