

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 145455-1253 - Transmission (Manual)

Sample No: LH0270069

Oil Type: PETRO CANADA 10W30



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

T: (450)522-5650  
F:



#### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0270069   | --- | --- | --- |
| Sample Date   | 10 Jul 2023 | --- | --- | --- |
| Machine Hours | 532         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



#### OIL CONDITION

|             |     |      |     |     |     |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 47.6 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|



#### CONTAMINATION

|           |     |    |     |     |     |
|-----------|-----|----|-----|-----|-----|
| Silicon   | ppm | 4  | --- | --- | --- |
| Sodium    | ppm | 54 | --- | --- | --- |
| Potassium | ppm | 4  | --- | --- | --- |



#### WEAR METALS

|            |     |    |     |     |     |
|------------|-----|----|-----|-----|-----|
| Iron       | ppm | 19 | --- | --- | --- |
| Copper     | ppm | 26 | --- | --- | --- |
| Lead       | ppm | 1  | --- | --- | --- |
| Tin        | ppm | <1 | --- | --- | --- |
| Aluminum   | ppm | 5  | --- | --- | --- |
| Chromium   | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 1  | --- | --- | --- |
| Nickel     | ppm | <1 | --- | --- | --- |
| Titanium   | ppm | <1 | --- | --- | --- |
| Silver     | ppm | 0  | --- | --- | --- |
| Manganese  | ppm | 30 | --- | --- | --- |
| Vanadium   | ppm | <1 | --- | --- | --- |



#### ADDITIVES

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Calcium    | ppm | 3227 | --- | --- | --- |
| Magnesium  | ppm | 10   | --- | --- | --- |
| Zinc       | ppm | 1125 | --- | --- | --- |
| Phosphorus | ppm | 1117 | --- | --- | --- |
| Barium     | ppm | <1   | --- | --- | --- |
| Boron      | ppm | 6    | --- | --- | --- |

#### 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 le fluide. La viscosité de le fluide est inférieure à la viscosité type, ce qui pourrait indiquer l'ajout d'un grade d'huile plus léger. L'état de le fluide est acceptable pour la durée de service.

Depot: METROX  
Unique No: 5607221  
Signed: Kevin Marson  
Report Date: 14 Jul 2023



### GRAPHS

