

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 139969-1253 - Transmission (Manual)

Sample No: LH  
 Oil Type: NOT GIVEN



**METAUX 139 INC.**  
 86 RTE MARIE-VICTORIN  
 PIERREVILLE, QC  
 CA J0G 1J0  
 Contact: Service Manager



#### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH          | --- | --- | --- |
| Sample Date   | 19 Oct 2023 | --- | --- | --- |
| Machine Hours | 480         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



#### OIL CONDITION

|             |     |      |     |     |     |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 51.3 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|

T:  
 F:



#### CONTAMINATION

|           |     |    |     |     |     |
|-----------|-----|----|-----|-----|-----|
| Silicon   | ppm | 3  | --- | --- | --- |
| Sodium    | ppm | 34 | --- | --- | --- |
| Potassium | ppm | 3  | --- | --- | --- |

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

|            |     |    |     |     |     |
|------------|-----|----|-----|-----|-----|
| Iron       | ppm | 10 | --- | --- | --- |
| Copper     | ppm | 24 | --- | --- | --- |
| Lead       | ppm | <1 | --- | --- | --- |
| Tin        | ppm | <1 | --- | --- | --- |
| Aluminum   | ppm | 3  | --- | --- | --- |
| Chromium   | ppm | 0  | --- | --- | --- |
| Molybdenum | ppm | 1  | --- | --- | --- |
| Nickel     | ppm | 0  | --- | --- | --- |
| Titanium   | ppm | 0  | --- | --- | --- |
| Silver     | ppm | <1 | --- | --- | --- |
| Manganese  | ppm | 15 | --- | --- | --- |
| Vanadium   | ppm | 0  | --- | --- | --- |



#### ADDITIVES

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Calcium    | ppm | 3297 | --- | --- | --- |
| Magnesium  | ppm | 10   | --- | --- | --- |
| Zinc       | ppm | 1120 | --- | --- | --- |
| Phosphorus | ppm | 1036 | --- | --- | --- |
| Barium     | ppm | 1    | --- | --- | --- |
| Boron      | ppm | 6    | --- | --- | --- |

Depot: MET126WIC  
 Unique No: 5668878  
 Signed: Kevin Marson  
 Report Date: 26 Oct 2023



### GRAPHS

