

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-144576 - Splitter Box

Sample No: LH0276415

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0276415   | --- | --- | --- |
| Sample Date   | 21 Mar 2024 | --- | --- | --- |
| Machine Hours | 1155        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

#### TRAM CONSTRUCTION

9279 E KY 8  
GARRISON, KY  
US 41141  
Contact: Service Manager



#### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 198 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

T:  
F:



#### CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | --- | --- | --- |
| Silicon   | ppm | ● 2 | --- | --- | --- |
| Sodium    | ppm | ● 2 | --- | --- | --- |
| Potassium | ppm | ● 2 | --- | --- | --- |

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ● 20 | --- | --- | --- |
| Copper     | ppm | ● 2  | --- | --- | --- |
| Lead       | ppm | ● 0  | --- | --- | --- |
| Tin        | ppm | ● <1 | --- | --- | --- |
| Aluminum   | ppm | ● 2  | --- | --- | --- |
| Chromium   | ppm | ● <1 | --- | --- | --- |
| Molybdenum | ppm | ● <1 | --- | --- | --- |
| Nickel     | ppm | ● 0  | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | ● 2  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



#### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ● 98   | --- | --- | --- |
| Magnesium  | ppm | ● 2    | --- | --- | --- |
| Zinc       | ppm | ● 58   | --- | --- | --- |
| Phosphorus | ppm | ● 1646 | --- | --- | --- |
| Barium     | ppm | ● 0    | --- | --- | --- |
| Boron      | ppm | ● 4    | --- | --- | --- |

Depot: TRAGARLH  
Unique No: 10953722  
Signed: Wes Davis  
Report Date: 01 Apr 2024



### GRAPHS

