

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 15070 - Splitter Box

Sample No: LH0286575

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0286575   | --- | --- | --- |
| Sample Date   | 21 Apr 2024 | --- | --- | --- |
| Machine Hours | 15792       | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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#### Oil Condition

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 135 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



#### Contamination

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



#### Wear Metals

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| PQ         |     | ● 18  | --- | --- | --- |
| Iron       | ppm | ● 591 | --- | --- | --- |
| Copper     | ppm | 292   | --- | --- | --- |
| Lead       | ppm | ● 6   | --- | --- | --- |
| Tin        | ppm | ● 4   | --- | --- | --- |
| Aluminum   | ppm | ● <1  | --- | --- | --- |
| Chromium   | ppm | ● 7   | --- | --- | --- |
| Molybdenum | ppm | ● 0   | --- | --- | --- |
| Nickel     | ppm | ● 3   | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | <1    | --- | --- | --- |
| Manganese  | ppm | ● 4   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



#### Additives

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | ● 9   | --- | --- | --- |
| Magnesium  | ppm | ● 1   | --- | --- | --- |
| Zinc       | ppm | ● 33  | --- | --- | --- |
| Phosphorus | ppm | ● 943 | --- | --- | --- |
| Barium     | ppm | ● 0   | --- | --- | --- |
| Boron      | ppm | ● 70  | --- | --- | --- |

#### 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.

**Depot:** LIEMIS  
**Unique No:** 5763824  
**Signed:** Kevin Marson  
**Report Date:** 23 Apr 2024



### Graphs

