

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR626 017306-1327 - Right Final Drive

Sample No: LH0267346

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

|               |             |             |             |     |
|---------------|-------------|-------------|-------------|-----|
| Sample Number | LH0267346   | LH0191114   | LHMC144498  | --- |
| Sample Date   | 11 Jan 2024 | 18 May 2021 | 12 Oct 2019 | --- |
| Machine Hours | 0           | 1056        | 461         | --- |
| Oil Hours     | 0           | 0           | 461         | --- |
| Oil Changed   | Changed     | Changed     | Changed     | --- |
| Sample Status | NORMAL      | NORMAL      | NORMAL      | --- |

#### LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD  
 RALEIGH, NC  
 US 27603  
 Contact: Timothy Bailey  
 timothy.bailey@liebherr.com  
 T:  
 F: (919)329-0084



#### OIL CONDITION

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 363 | 367 | 339 | --- |
|-------------|-----|-----|-----|-----|-----|



#### CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | NEG | NEG | --- |
| Silicon   | ppm | <1  | 2   | 3   | --- |
| Sodium    | ppm | 0   | 2   | 4   | --- |
| Potassium | ppm | 2   | 1   | 2   | --- |

#### Diagnosis

Resample at the next service interval to monitor. 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 | 25 | 37 | 32 | --- |
| Copper     | ppm | 23 | 32 | 16 | --- |
| Lead       | ppm | 0  | <1 | 1  | --- |
| Tin        | ppm | <1 | 1  | 0  | --- |
| Aluminum   | ppm | 2  | 0  | <1 | --- |
| Chromium   | ppm | <1 | <1 | <1 | --- |
| Molybdenum | ppm | 0  | <1 | <1 | --- |
| Nickel     | ppm | 0  | 1  | 0  | --- |
| Titanium   | ppm | 0  | <1 | <1 | --- |
| Silver     | ppm | 0  | 7  | 0  | --- |
| Manganese  | ppm | <1 | 2  | 1  | --- |
| Vanadium   | ppm | 0  | 0  | 0  | --- |



#### ADDITIVES

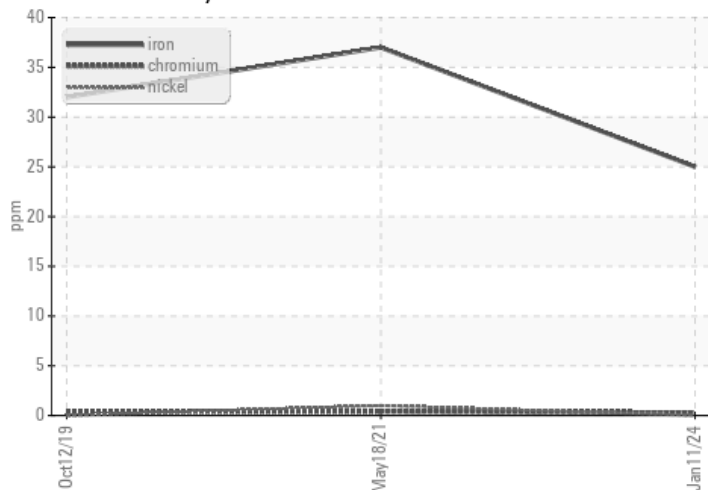
|            |     |      |      |     |     |
|------------|-----|------|------|-----|-----|
| Calcium    | ppm | 6    | 9    | 17  | --- |
| Magnesium  | ppm | 0    | 1    | 0   | --- |
| Zinc       | ppm | 6    | 45   | 24  | --- |
| Phosphorus | ppm | 1278 | 1061 | 988 | --- |
| Barium     | ppm | 6    | 11   | 36  | --- |
| Boron      | ppm | <1   | 4    | 2   | --- |

Depot: LIEBHERRNC  
 Unique No: 10834565  
 Signed: Wes Davis  
 Report Date: 18 Jan 2024

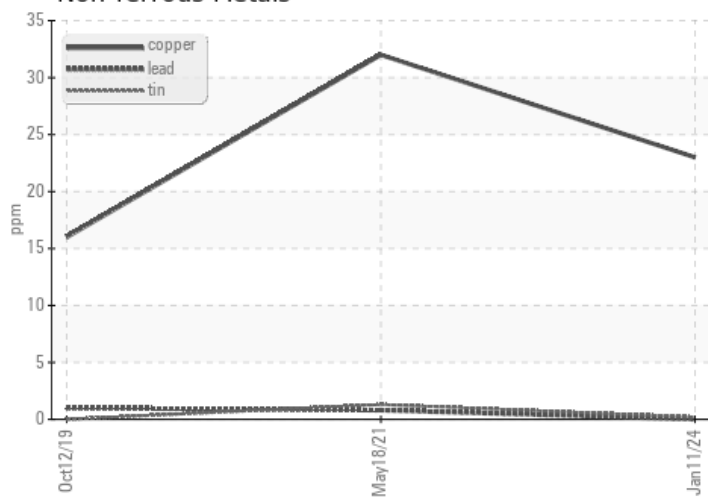


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

