

LIEBHERR

CONSTRUCTION EQUIPMENT



NO UNIT NO SIF - Front Left Wheel Hub

Sample No: LH
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH | --- | --- | --- |
| Sample Date | 26 Feb 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 741 | --- | --- | --- |
|-------------|-----|-----|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 26 | --- | --- | --- |
| Sodium | ppm | 0 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 44 | --- | --- | --- |
| Copper | ppm | 0 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 1 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | 2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 2 | --- | --- | --- |
| Magnesium | ppm | 0 | --- | --- | --- |
| Zinc | ppm | 2 | --- | --- | --- |
| Phosphorus | ppm | 432 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | <1 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. 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: LIEFTM
 Unique No: 5538866
 Signed: Kevin Marson
 Report Date: 28 Feb 2023



GRAPHS

