

LIEBHERR LH30M 136518-1253 - Rear Differential

Sample No: LH0228851

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

| Sample Number | | LH0228851 | LH0228839 | | | | |
|---------------|-----|--------------|-------------|--|--|--|--|
| Sample Date | | 05 Jun 2023 | 16 Nov 2022 | | | | |
| Machine Hours | | 2000 | 1000 | | | | |
| Oil Hours | | 0 | 0 | | | | |
| Oil Changed | | N/A | Changed | | | | |
| Sample Status | | NORMAL | NORMAL | | | | |
| OIL CONDITION | | | | | | | |
| Visc @ 40°C | cSt | 0 159 | 64.8 | | | | |

CONTAMINATION

Silicon
ppm
6
11
-- --

Sodium
ppm
4
13
-- --

Potassium
ppm
<1</td>
1
-- --

| Ä | | | | |
|------------|----------|-------------------|----------|------|
| WEA | R METALS | | | |
| Iron | - | 26 | 0 18 | |
| - | ppm | • | U | |
| Copper | ppm | 3 | 02 | |
| Lead | ppm | 0 🔘 | ○ <1 | |
| Tin | ppm | 0 () | 0 | |
| Aluminum | ppm | ○ <1 | 01 | |
| Chromium | ppm | <mark>○</mark> <1 | ○ <1 | |
| Molybdenum | ppm | 0 | 0 | |
| Nickel | ppm | ○ <1 | ○ <1 | |
| Titanium | ppm | 0 | <1 | |
| Silver | ppm | 0 | 0 | |
| Manganese | ppm | 02 | 6 | |
| Vanadium | ppm | 0 | 0 | |

¢ **ADDITIVES** Calcium 494 ppm 3709 0 11 Magnesium ppm 04 Zinc 1428 0 198 ppm 1209 Phosphorus 0 1985 ppm Barium ppm ◯ <1 ○ <1 Boron 0 15 ppm 102





CAC ENTERPRISES GROUP INC.

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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.

| Depot: | CAC2 |
|--------------|-------|
| Unique No: | 56207 |
| Signed: | Wes D |
| Report Date: | 14 Au |

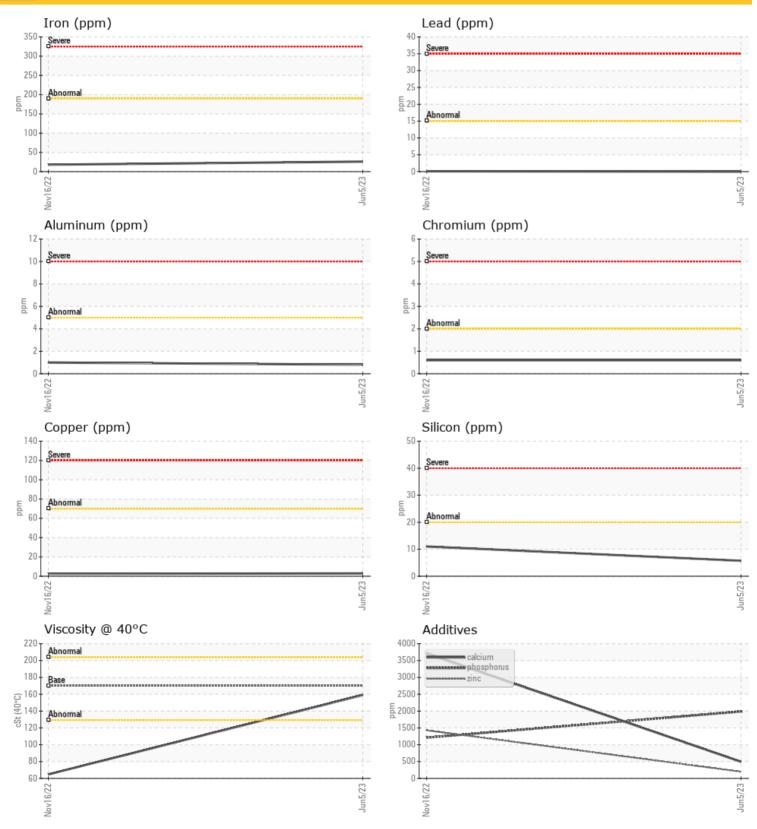
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GRAPHS

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