

LIEBHERR LH50 137429 - Rear Differential

LH0274503

20 Aug 2023 6359

Changed NORMAL

0

Sample No: LH0274503

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| Sample Number | |
|---------------|--|
| Sample Date | |
| Machine Hours | |
| Oil Hours | |
| Oil Changed | |
| Sample Status | |

OIL CONDITION

Visc @ 40°C

cSt 🔘 103

| Silicon | ppm | 02 | | | |
|-----------|-----|------|--|--|--|
| Sodium | ppm | ◯ <1 | | | |
| Potassium | ppm | 0 | | | |

| 0 | | | | |
|------------|----------|-------------|------|--|
| WEA | R METALS | | | |
| Iron | ppm | 8 | | |
| Copper | ppm | 0 16 | | |
| Lead | ppm | ○ <1 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 0 | | |
| Chromium | ppm | 0 | | |
| Molybdenum | ppm | 0 | | |
| Nickel | ppm | ○ <1 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | <1 | | |
| Manganese | ppm | 0 | | |
| Vanadium | ppm | 0 | | |

0

| ADDITIVES | | | | | |
|------------|-----|------------|--|--|--|
| Calcium | ppm | 0 17 | | | |
| Magnesium | ppm | 02 | | | |
| Zinc | ppm | 0 17 | | | |
| Phosphorus | ppm | 0 1341 | | | |
| Barium | ppm | 0 🔘 | | | |
| Boron | ppm | 341 | | | |





CMI - COMBINED METAL INDUSTRIES

505 GARY RAY DRIVE NORTH YORK, ON CA M9L 1P9 Contact: Greg Sacher gsacher@combinedmetal.com T: (416)642-7262 F:

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 75W90. 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.

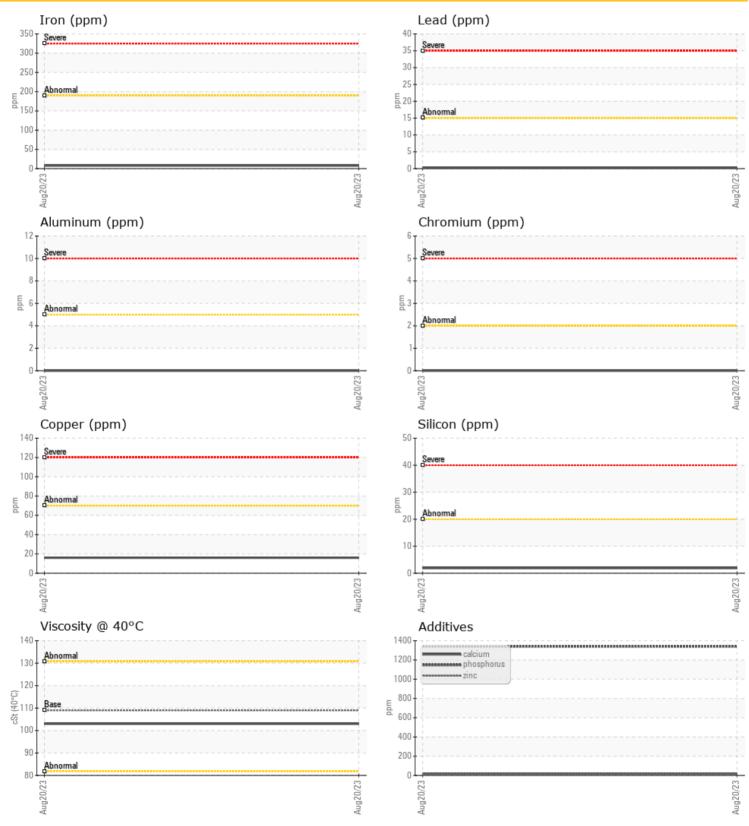
| Depot: | COMWES |
|--------------|-------------|
| Unique No: | 5630296 |
| Signed: | Wes Davis |
| Report Date: | 21 Aug 2023 |





GRAPHS

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Report Id: COMWES [WCAMIS] 02577236 (Generated: 08/21/2023 15:32:13) Rev: 1

Contact/Location: Greg Sacher - COMWES