LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50 37429 - Rear Left Wheel Hub

Sample No: LH0277643

Oil Type: GEAR OIL SAE 75W90

| a | | | | |
|---------------|-----------------|-------------|-------------|------|
| SAM | PLE INFO | RMATION | | |
| Sample Number | | LH0277643 | LH0277641 | |
| Sample Date | | 12 Oct 2023 | 12 Oct 2023 | |
| Machine Hours | | 6950 | 9950 | |
| Oil Hours | | 0 | 0 | |
| Oil Changed | | N/A | N/A | |
| Sample Status | | NORMAL | MARGINAL | |
| <u> </u> | | | | |
| OILC | ONDITIO | N | | |
| Visc @ 40°C | cSt | 103 | O 101 | |
| -4 | | | | |
| CON | TAMINAT | ION | | |
| | | | 0.0 | |
| Silicon | ppm | 2 | 0 2 | |
| Sodium | ppm | 2 | 3 | |
| Potassium | ppm | 2 | 1 | |
| (O) WEA | R METAL | S | | |
| Iron | ppm | 0 8 | O 16 | |
| Copper | ppm | 0 13 | <u>0</u> 51 | |
| Lead | ppm | 0 <1 | 0 1 | |
| Tin | ppm | 00 | 0 0 | |
| Aluminum | ppm | 0 <1 | 0 2 | |
| Chromium | ppm | 0 | 00 | |
| Molybdenum | ppm | 0 0 | 00 | |
| Nickel | ppm | ○ <1 | 0 <1 | |
| Titanium | ppm | 0 | 0 | |
| Silver | ppm | 3 | <1 | |
| Manganese | ppm | 0 0 | 02 | |
| Vanadium | ppm | 0 | 0 | |
| | | | | |
| ADD | ITIVES | | | |
| Calcium | ppm | 13 | 37 | |
| Magnesium | ppm | 1 | O 1 | |
| Zinc | ppm | 14 | O 47 | |
| Phosphorus | ppm | 1225 | O 1238 | |
| Barium | ppm | 0 <1 | O <1 | |
| | | | | |

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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:LIEMISUnique No:5658086Signed:Wes DavisReport Date:13 Oct 2023

Contact/Location: Steve Lehto - LIEMIS

319

ppm

Boron

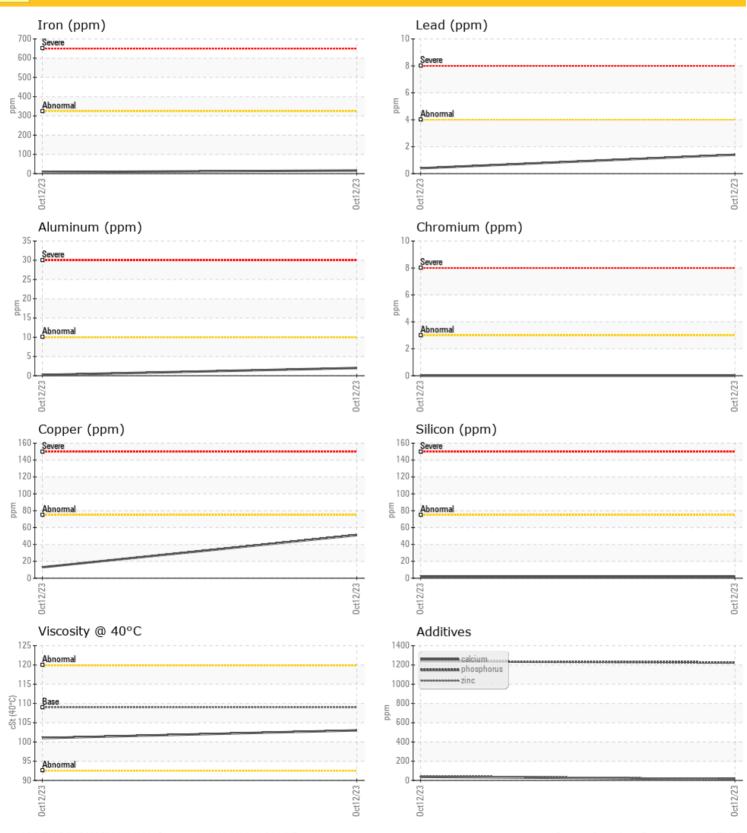
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GRAPHS



Report Id: LIEMIS [WCAMIS] 02589020 (Generated: 10/13/2023 18:25:14) Rev: 1

Contact/Location: Steve Lehto - LIEMIS