

GEAR OIL SAE 80W90

[(362421)] LIEBHERR R936 052811-1828 - Right Final Drive

Sample No: LH0260932

Oil Type:

SAMPLE INFORMATION

| | Sample Number | LH0260932 | | | |
|--|---------------|-------------|--|--|--|
| | Sample Date | 29 Jun 2023 | | | |
| | Machine Hours | 1144 | | | |
| | Oil Hours | 0 | | | |
| | Oil Changed | N/A | | | |
| | Sample Status | NORMAL | | | |

OIL CONDITION

Visc @ 40°C

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| | CONTAMINATION | | | | | | |
|-----------|---------------|-------------|--|--|--|--|--|
| Silicon | ppm | 0 19 | | | | | |
| Sodium | ppm | 03 | | | | | |
| Potassium | ppm | 03 | | | | | |
| | | | | | | | |

| WEA | R METALS | | | |
|------------|-----------------|-------------|------|--|
| Iron | ppm | 0 36 | | |
| Copper | ppm | 0 <1 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 6 | | |
| Chromium | ppm | ○ <1 | | |
| Molybdenum | ppm | 0 | | |
| Nickel | ppm | <1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | ○ <1 | | |
| Vanadium | ppm | 0 | | |



ADDITIVES

| Calcium | ppm | 0 14 | | |
|------------|-----|---------------|------|--|
| Magnesium | ppm | 3 | | |
| Zinc | ppm | 0 13 | | |
| Phosphorus | ppm | O 2113 | | |
| Barium | ppm | 02 | | |
| Boron | ppm | 02 | | |



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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 80W90. 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: | PYR10STJ | | |
|--------------|-------------|--|--|
| Unique No: | 5604659 | | |
| Signed: | Wes Davis | | |
| Report Date: | 30 Jun 2023 | | |

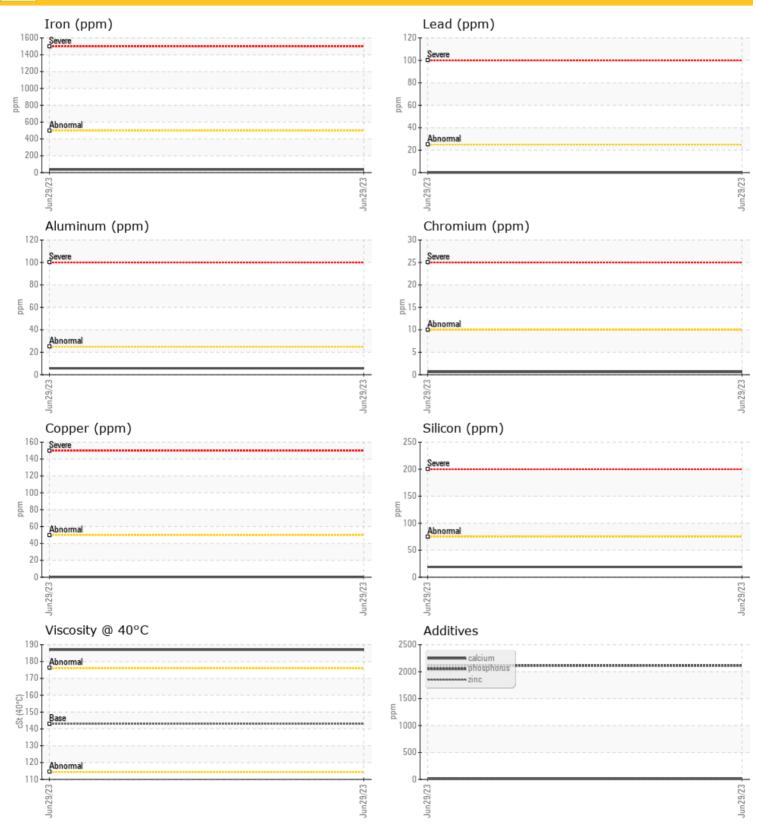
Submitted By: Olivier Galimi





GRAPHS

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Report Id: PYR10STJ [WCAMIS] 02567613 (Generated: 07/05/2023 13:30:40) Rev: 1

Submitted By: Olivier Galimi