

LIEBHERR TA 230 145963-1513 - Center Differential

LHMC91479

22 Jun 2023 419

419

N/A

NORMAL

Sample No: LHMC91479

Oil Type: LIEBHERR GEAR MF 80W

SAMPLE INFORMATION

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

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|--|--|---|

Visc @ 40°C

| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | |
|---------------------------------------|-----|------|--|--|--|--|--|
| | | | | | | | |
| Silicon | ppm | 24 | | | | | |
| Sodium | ppm | 0 30 | | | | | |
| Potassium | maa | 0 | | | | | |

| Ö | | | | |
|------------|-----------------|-------------|------|--|
| WEA WEA | R METALS | | | |
| Iron | ppm | 338 | | |
| Copper | ppm | 0 83 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 6 | | |
| Aluminum | ppm | 6 | | |
| Chromium | ppm | 5 | | |
| Molybdenum | ppm | ○ <1 | | |
| Nickel | ppm | 9 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 99 | | |
| Vanadium | ppm | 0 | | |



ADDITIVES

| Calcium | ppm | 3477 | | |
|------------|-----|--------|------|--|
| Magnesium | ppm | 0 17 | | |
| Zinc | ppm | 0 1407 | | |
| Phosphorus | ppm | 0 1208 | | |
| Barium | ppm | 0 | | |
| Boron | ppm | 0 145 | | |

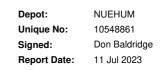


NUECES POWER EQUIPMENT

7667 N SAM HOUSTON PKWY EAST HUMBLE, TX US 77396 Contact: SARKES GONZALEZ sgonzalez@npetex.com T: (713)247-0066 F: (713)941-2262

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.

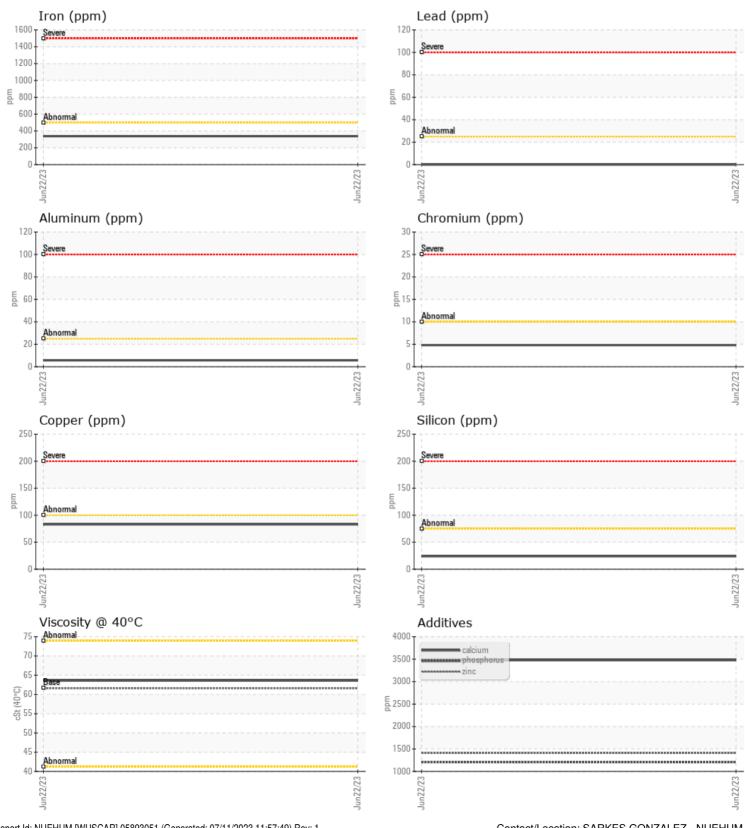






GRAPHS

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Contact/Location: SARKES GONZALEZ - NUEHUM