CONSTRUCTION EQUIPMENT

[ALLTERRA] LIEBHERR LH60M 65464 - Rear Differential

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0281199

Oil Type:

0

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

SAMPLE INFORMATION

| Sample Number | | LH0281199 | LH0144860 | LH | |
|---------------|---------|-------------|-------------|-------------|--|
| Sample Date | | 18 Jan 2024 | 31 Jul 2019 | 22 May 2019 | |
| Machine Hours | | 17608 | 15200 | 0 | |
| Oil Hours | | 0 | 0 | 0 | |
| Oil Changed | | Changed | Not Changd | N/A | |
| Sample Status | | NORMAL | NORMAL | NORMAL | |
| OIL CO | NDITION | | | | |
| Visc @ 40°C | cSt | 130 | 132 | 133 | |
| | | | | | |

| | n i Amini | ATION | | | |
|-----------|-----------|------------------|--------|--------|--|
| Water | % | NEG | NEG | NEG | |
| Silicon | ppm | <mark></mark> <1 | ◯ <1 | ◯ <1 | |
| Sodium | ppm | 0 12 | 0 12 | 0 12 | |
| Potassium | ppm | 0 1653 | 0 1767 | 0 1743 | |

| Ä | | | | | |
|------------|---------|-------------|------|------|--|
| WE/ | AR META | LS | | | |
| Iron | ppm | 6 | 5 | 0 4 | |
| Copper | ppm | 0 46 | 0 37 | ◯ 35 | |
| Lead | ppm | 01 | ◯ <1 | ◯ <1 | |
| Tin | ppm | 0 | 0 | 0 | |
| Aluminum | ppm | ○ <1 | 0 | 0 | |
| Chromium | ppm | 0 | ○ <1 | 0 | |
| Molybdenum | ppm | 0 | 0 | <1 | |
| Nickel | ppm | ◯ <1 | <1 | 0 | |
| Titanium | ppm | 0 | 0 | 0 | |
| Silver | ppm | 0 | <1 | 0 | |
| Manganese | ppm | 0 | ◯ <1 | <1 | |
| Vanadium | ppm | 0 | 0 | 0 | |

0 87

○ <1

0 33

01

498

1620

83

31

475

1595

<1

Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer kevin.steer@liebherr.com T: F: (604)270-3254

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

| Depot: | LIERIC |
|--------------|--------------|
| Unique No: | 5720041 |
| Signed: | Kevin Marson |
| Report Date: | 25 Jan 2024 |

0 86

○ <1

01

34

485

1553

Contact/Location: Kevin Steer - LIERIC

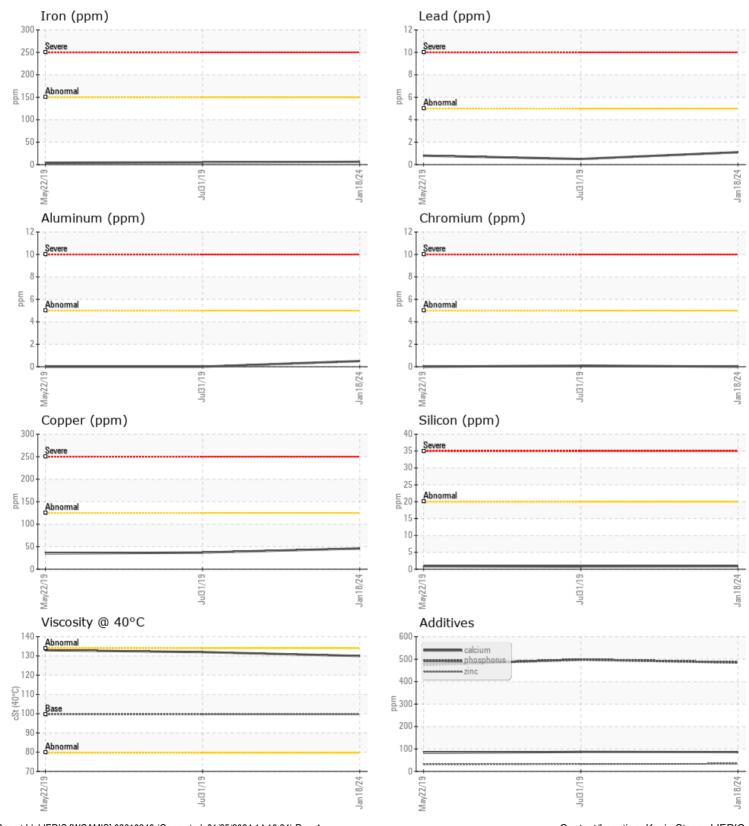






GRAPHS

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Report Id: LIERIC [WCAMIS] 02610946 (Generated: 01/25/2024 14:10:24) Rev: 1

Contact/Location: Kevin Steer - LIERIC