

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 117 273-1253 - Front Right Wheel Hub

Sample No: LH0242022

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0242022 | LH0240768 | LH0152446 | LH0152432 |
| Sample Date | 21 Sep 2023 | 05 Oct 2022 | 09 Nov 2021 | 10 Jun 2021 |
| Machine Hours | 9114 | 7029 | 4278 | 3137 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

T:

F:



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|------|------|
| Visc @ 40°C | cSt | 114 | 101 | 92.3 | 92.0 |
|-------------|-----|-----|-----|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|----|----|
| Silicon | ppm | 1 | <1 | 1 | 2 |
| Sodium | ppm | 4 | 5 | 6 | 6 |
| Potassium | ppm | <1 | 0 | <1 | <1 |



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|----|
| Iron | ppm | 25 | 15 | 28 | 21 |
| Copper | ppm | 2 | 3 | 8 | 8 |
| Lead | ppm | <1 | 0 | <1 | <1 |
| Tin | ppm | 0 | <1 | <1 | <1 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | 0 | 0 | <1 | <1 |
| Molybdenum | ppm | 0 | 0 | <1 | <1 |
| Nickel | ppm | <1 | 0 | <1 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | <1 | 0 | 0 | <1 |
| Manganese | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 32 | 61 | 176 | 199 |
| Magnesium | ppm | 2 | 2 | 2 | 2 |
| Zinc | ppm | 14 | 18 | 65 | 111 |
| Phosphorus | ppm | 1487 | 1276 | 1243 | 1172 |
| Barium | ppm | <1 | <1 | 1 | 1 |
| Boron | ppm | 233 | 299 | 281 | 256 |

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.

Depot: WES577LAN

Unique No: 5646078

Signed: Wes Davis

Report Date: 26 Sep 2023



GRAPHS

