

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369353)] LIEBHERR LH30M 136880-1253 - Rear Left Wheel

Sample No: LH0115860

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0115860 | LH0284113 | LH0260551 | LH0226449 |
| Sample Date | 18 Jun 2024 | 15 Mar 2024 | 12 Sep 2023 | 13 Feb 2023 |
| Machine Hours | 6158 | 5489 | 4272 | 2833 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | ABNORMAL |

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

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Oil Condition

| | | | | | |
|-------------|-----|-----|-----|------|------|
| Visc @ 40°C | cSt | 104 | 104 | 98.5 | 64.2 |
|-------------|-----|-----|-----|------|------|



Contamination

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | 4 | 0 | 2 | 6 |
| Sodium | ppm | <1 | <1 | 2 | 15 |
| Potassium | ppm | 0 | <1 | <1 | 2 |

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.



Wear Metals

| | | | | | |
|------------|-----|----|---|----|----|
| Iron | ppm | 5 | 6 | 8 | 16 |
| Copper | ppm | <1 | 1 | 4 | 11 |
| Lead | ppm | 0 | 0 | <1 | <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | 0 | <1 | <1 |
| Chromium | ppm | 0 | 0 | 0 | <1 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | 0 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | <1 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | 0 | <1 | 2 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



Additives

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 22 | 47 | 392 | 3709 |
| Magnesium | ppm | 5 | 1 | 2 | 10 |
| Zinc | ppm | 15 | 28 | 190 | 1431 |
| Phosphorus | ppm | 1242 | 1236 | 1279 | 1230 |
| Barium | ppm | <1 | <1 | <1 | <1 |
| Boron | ppm | 303 | 299 | 274 | 103 |

Depot: WES577LAN

Unique No: 5814297

Signed: Wes Davis

Report Date: 18 Jul 2024



Graphs

