

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0234619

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0234619 | LH0250185 | LH0238564 | LH0230467 |
| Sample Date | 14 Mar 2023 | 11 Jan 2023 | 24 Oct 2022 | 25 Jul 2022 |
| Machine Hours | 25721 | 24879 | 23665 | 0 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | N/A | N/A |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

J.D. Irving

Truro Sawmill, 529 Valley Dale Road
Truro, NS
CA B2N 5C5
Contact: Sheldon Richardson
richardson.sheldon@jdirving.com
T: (902)890-9419
F:



OIL CONDITION

| | | | | | |
|-------------|-----|------|------|------|------|
| Visc @ 40°C | cSt | 82.8 | 86.7 | 84.3 | 81.7 |
|-------------|-----|------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|----|----|
| Silicon | ppm | 4 | 2 | 3 | 4 |
| Sodium | ppm | <1 | <1 | 2 | 1 |
| Potassium | ppm | <1 | <1 | <1 | <1 |

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 | 8 | 8 | 13 | 11 |
| Copper | ppm | <1 | <1 | <1 | <1 |
| Lead | ppm | 0 | 0 | <1 | <1 |
| Tin | ppm | 0 | <1 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | <1 | 0 | 0 | <1 |
| Nickel | ppm | 0 | 0 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 27 | 20 | 21 | 42 |
| Magnesium | ppm | 4 | 3 | 4 | 12 |
| Zinc | ppm | 109 | 72 | 84 | 114 |
| Phosphorus | ppm | 1221 | 1256 | 1205 | 1113 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 266 | 287 | 276 | 263 |

Depot: JDITRU
Unique No: 5553411
Signed: Wes Davis
Report Date: 29 Mar 2023



GRAPHS

