

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347307)] LIEBHERR R934 052025-1550 - Splitter Box

Sample No: LH0291201

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

| Sample Number | LH0291201 | LH0282265 | LH0270384 | LH0239223 |
|---------------|-------------|-------------|-------------|-------------|
| Sample Date | 10 Jun 2024 | 21 Jan 2024 | 27 Jul 2023 | 15 Nov 2022 |
| Machine Hours | 3964 | 3500 | 2892 | 1904 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | N/A | N/A | Changed | N/A |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

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 9620 GUELPH LINE
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 CA L0P 1B0
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Oil Condition

| Visc @ 40°C | cSt | 86.0 | 82.5 | 89.7 | 96.0 |
|-------------|-----|------|------|------|------|
| | | | | | |



Contamination

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | <1 | 1 | 2 | 2 |
| Sodium | ppm | <1 | 2 | 1 | 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 | 11 | 10 | 19 | 12 |
| Copper | ppm | 2 | 1 | 1 | <1 |
| Lead | ppm | 0 | <1 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | 0 | 0 | <1 | 0 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | <1 | 0 | <1 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



Additives

| | | | | | |
|------------|-----|------|-----|------|------|
| Calcium | ppm | 109 | 94 | 111 | 51 |
| Magnesium | ppm | 2 | 2 | 3 | 2 |
| Zinc | ppm | 92 | 77 | 97 | 41 |
| Phosphorus | ppm | 1078 | 878 | 1362 | 1394 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 218 | 62 | 217 | 235 |

Depot: MOFMOF
 Unique No: 5798749
 Signed: Wes Davis
 Report Date: 11 Jun 2024



Graphs

