

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R934 048907-1550 - Splitter Box

Sample No: LH0260442

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

|               |             |             |             |             |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0260442   | LH0226685   | LH0191759   | LH0177406   |
| Sample Date   | 07 Jul 2023 | 16 Mar 2023 | 26 May 2021 | 28 Aug 2020 |
| Machine Hours | 4540        | 4080        | 1513        | 467         |
| Oil Hours     | 0           | 0           | 0           | 0           |
| Oil Changed   | Changed     | Changed     | Changed     | Changed     |
| Sample Status | ABNORMAL    | NORMAL      | NORMAL      | NORMAL      |

**REGEHR CONTRACTING**  
 6547 MT. LEHMAN ROAD  
 ABBOTSFORD, BC  
 CA V4X 2G5  
 Contact: Service Manager



#### OIL CONDITION

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 122 | 146 | 182 | 194 |
|-------------|-----|-----|-----|-----|-----|

T:  
F:



#### CONTAMINATION

|           |     |    |   |   |   |
|-----------|-----|----|---|---|---|
| Silicon   | ppm | 44 | 4 | 3 | 1 |
| Sodium    | ppm | 2  | 2 | 4 | 4 |
| Potassium | ppm | <1 | 1 | 1 | 2 |

#### Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. The oil is no longer serviceable due to the presence of contaminants.



#### WEAR METALS

|            |     |    |    |    |    |
|------------|-----|----|----|----|----|
| Iron       | ppm | 53 | 32 | 36 | 25 |
| Copper     | ppm | <1 | 1  | 2  | <1 |
| Lead       | ppm | <1 | 0  | <1 | <1 |
| Tin        | ppm | 0  | 0  | 0  | 0  |
| Aluminum   | ppm | 2  | 2  | 1  | 3  |
| Chromium   | ppm | <1 | <1 | <1 | <1 |
| Molybdenum | ppm | 0  | 0  | 0  | 0  |
| Nickel     | ppm | <1 | 0  | 0  | 0  |
| Titanium   | ppm | 0  | 0  | 0  | 0  |
| Silver     | ppm | 0  | 0  | <1 | <1 |
| Manganese  | ppm | <1 | <1 | <1 | 1  |
| Vanadium   | ppm | 0  | 0  | 0  | 0  |



#### ADDITIVES

|            |     |      |      |      |      |
|------------|-----|------|------|------|------|
| Calcium    | ppm | 68   | 104  | 50   | 13   |
| Magnesium  | ppm | 2    | <1   | 2    | 2    |
| Zinc       | ppm | 57   | 93   | 40   | 18   |
| Phosphorus | ppm | 1867 | 2157 | 1828 | 1482 |
| Barium     | ppm | <1   | 0    | 2    | 4    |
| Boron      | ppm | 128  | 1    | 6    | 1    |

Depot: REGABB  
 Unique No: 5605931  
 Signed: Kevin Marson  
 Report Date: 10 Jul 2023



### GRAPHS

