

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 73579-1200 - Swing Drive

Sample No: LH0270352

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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#### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0270352   | --- | --- | --- |
| Sample Date   | 26 Jul 2023 | --- | --- | --- |
| Machine Hours | 9058        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



#### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 116 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



#### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | ● 3  | --- | --- | --- |
| Sodium    | ppm | ● 1  | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



#### WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ● 721 | --- | --- | --- |
| Copper     | ppm | ● 44  | --- | --- | --- |
| Lead       | ppm | ● 1   | --- | --- | --- |
| Tin        | ppm | ● <1  | --- | --- | --- |
| Aluminum   | ppm | ● <1  | --- | --- | --- |
| Chromium   | ppm | ● 6   | --- | --- | --- |
| Molybdenum | ppm | ● <1  | --- | --- | --- |
| Nickel     | ppm | ● <1  | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | <1    | --- | --- | --- |
| Manganese  | ppm | ● 5   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



#### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ● 12   | --- | --- | --- |
| Magnesium  | ppm | ● 3    | --- | --- | --- |
| Zinc       | ppm | ● 43   | --- | --- | --- |
| Phosphorus | ppm | ● 1549 | --- | --- | --- |
| Barium     | ppm | ● <1   | --- | --- | --- |
| Boron      | ppm | ● 122  | --- | --- | --- |

#### 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: LIEMIS  
 Unique No: 5618843  
 Signed: Wes Davis  
 Report Date: 02 Aug 2023



### GRAPHS

