

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 71616 - Transmission (Auto)

Sample No: LH0270317

Oil Type: NOT GIVEN



#### SAMPLE INFORMATION

|               |             |             |             |     |
|---------------|-------------|-------------|-------------|-----|
| Sample Number | LH0270317   | LH0274523   | LH0256667   | --- |
| Sample Date   | 25 Sep 2023 | 20 Aug 2023 | 17 Apr 2023 | --- |
| Machine Hours | 2888        | 2389        | 1042        | --- |
| Oil Hours     | 0           | 0           | 0           | --- |
| Oil Changed   | N/A         | Changed     | Changed     | --- |
| Sample Status | NORMAL      | NORMAL      | NORMAL      | --- |

#### DOFASCO INC.

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#### OIL CONDITION

|             |     |      |      |      |     |
|-------------|-----|------|------|------|-----|
| Visc @ 40°C | cSt | 39.2 | 37.4 | 93.0 | --- |
|-------------|-----|------|------|------|-----|



#### CONTAMINATION

|           |     |    |    |    |     |
|-----------|-----|----|----|----|-----|
| Silicon   | ppm | 8  | 9  | 8  | --- |
| Sodium    | ppm | 2  | 6  | 21 | --- |
| Potassium | ppm | <1 | <1 | 1  | --- |

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

|            |     |    |    |    |     |
|------------|-----|----|----|----|-----|
| Iron       | ppm | 8  | 25 | 12 | --- |
| Copper     | ppm | <1 | 2  | 2  | --- |
| Lead       | ppm | 0  | 0  | <1 | --- |
| Tin        | ppm | 0  | 0  | 0  | --- |
| Aluminum   | ppm | <1 | 2  | <1 | --- |
| Chromium   | ppm | 0  | 0  | 0  | --- |
| Molybdenum | ppm | 0  | 0  | 0  | --- |
| Nickel     | ppm | <1 | <1 | 0  | --- |
| Titanium   | ppm | 0  | 0  | <1 | --- |
| Silver     | ppm | <1 | 0  | 0  | --- |
| Manganese  | ppm | 0  | <1 | <1 | --- |
| Vanadium   | ppm | 0  | 0  | 0  | --- |



#### ADDITIVES

|            |     |      |      |      |     |
|------------|-----|------|------|------|-----|
| Calcium    | ppm | 3802 | 3621 | 3361 | --- |
| Magnesium  | ppm | 10   | 9    | 7    | --- |
| Zinc       | ppm | 1530 | 1453 | 1390 | --- |
| Phosphorus | ppm | 1278 | 1281 | 1259 | --- |
| Barium     | ppm | <1   | 0    | 0    | --- |
| Boron      | ppm | 108  | 117  | 109  | --- |

Depot: DOFHAM  
 Unique No: 5646331  
 Signed: Wes Davis  
 Report Date: 26 Sep 2023



### GRAPHS

