

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 142537-1252 - Front Differential

Sample No: LH0259685

Oil Type: LIEBHERR 75W90



9428-7158 QC INC.
 935 ROUTE SHENLEY EST
 ST-HONORE DE SHENLEY, QC
 CA G0M 1V0
 Contact: Service Manager



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0259685 | --- | --- | --- |
| Sample Date | 19 Jun 2023 | --- | --- | --- |
| Machine Hours | 500 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 70.6 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Silicon | ppm | 11 | --- | --- | --- |
| Sodium | ppm | 17 | --- | --- | --- |
| Potassium | ppm | 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 | 7 | --- | --- | --- |
| Copper | ppm | 2 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 1 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 4 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 3616 | --- | --- | --- |
| Magnesium | ppm | 12 | --- | --- | --- |
| Zinc | ppm | 1421 | --- | --- | --- |
| Phosphorus | ppm | 1195 | --- | --- | --- |
| Barium | ppm | 1 | --- | --- | --- |
| Boron | ppm | 102 | --- | --- | --- |

Depot: 942STH
 Unique No: 5605089
 Signed: Kevin Marson
 Report Date: 05 Jul 2023



GRAPHS

