



CONSTRUCTION EQUIPMENT

X59558 VOLVO EC300ELR 317660 - SWING DRIVE



Sample No: VCP437021
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: X59558



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP437021 | VCP442705 | --- | --- |
| Sample Date | 02 May 2024 | 09 Feb 2024 | --- | --- |
| Machine Hours | 1020 | 476 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | N/A | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DANA FOSHEE
 dfoshee@scottcompanies.com
 T: (504)461-0961
 F: (504)461-0970



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 356 | 173 | --- | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 28 | 10 | --- | --- |
| Sodium | ppm | <1 | 0 | --- | --- |
| Potassium | ppm | 3 | 3 | --- | --- |

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 | 63 | 100 | --- | --- |
| Copper | ppm | <1 | <1 | --- | --- |
| Lead | ppm | 1 | 0 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 4 | 2 | --- | --- |
| Chromium | ppm | 2 | 2 | --- | --- |
| Molybdenum | ppm | <1 | 0 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | <1 | 0 | --- | --- |
| Silver | ppm | <1 | 0 | --- | --- |
| Manganese | ppm | 2 | 2 | --- | --- |
| Vanadium | ppm | <1 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|-----|-----|-----|
| Calcium | ppm | 0 | 41 | --- | --- |
| Magnesium | ppm | 2 | 1 | --- | --- |
| Zinc | ppm | 5 | 17 | --- | --- |
| Phosphorus | ppm | 1010 | 368 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 201 | 0 | --- | --- |

Depot: SCOSAI
Unique No: 11019025
Signed: Don Baldrige
Report Date: 10 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

