



CONSTRUCTION EQUIPMENT

717229 VOLVO EC750 314108 - REAR LEFT FINAL DRIVE



Sample No: VCP454536
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717229



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP454536 | VCP431270 | --- | --- |
| Sample Date | 24 May 2024 | 14 Nov 2023 | --- | --- |
| Machine Hours | 3483 | 2548 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | ABNORMAL | ABNORMAL | --- | --- |

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER

OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 282 | 279 | --- | --- |
|-------------|-----|------------|-----|-----|-----|

T: (772)461-3020
 F:

CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-------|-----|-----|
| Water | % | NEG | 0.122 | --- | --- |
| Silicon | ppm | ▲ 244 | ▲ 188 | --- | --- |
| Sodium | ppm | ■ 2 | 0 | --- | --- |
| Potassium | ppm | ■ 2 | 4 | --- | --- |

Diagnosis
 We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

WEAR METALS

| | | | | | |
|------------|-----|---------------|-------|-----|-----|
| Iron | ppm | ▲ 1333 | ▲ 889 | --- | --- |
| Copper | ppm | ■ 3 | 2 | --- | --- |
| Lead | ppm | ■ 0 | 0 | --- | --- |
| Tin | ppm | ■ 0 | 0 | --- | --- |
| Aluminum | ppm | ● 14 | 9 | --- | --- |
| Chromium | ppm | ▲ 11 | 8 | --- | --- |
| Molybdenum | ppm | ■ 2 | 2 | --- | --- |
| Nickel | ppm | ■ 2 | 2 | --- | --- |
| Titanium | ppm | 1 | 1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | ■ 11 | 8 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | ■ 131 | 97 | --- | --- |
| Magnesium | ppm | ■ 18 | 17 | --- | --- |
| Zinc | ppm | 41 | 39 | --- | --- |
| Phosphorus | ppm | ■ 857 | 849 | --- | --- |
| Barium | ppm | ■ 3 | 4 | --- | --- |
| Boron | ppm | ■ 122 | 115 | --- | --- |

Depot: BLUFOR
Unique No: 11059202
Signed: Don Baldrige
Report Date: 04 Jun 2024



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GRAPHS

