



CONSTRUCTION EQUIPMENT

SWA477490 MELDGAARD VOLVO EC350EL 3 14186 - LEFT TRACK DRIVE



Sample No: VCP433160
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA477490 MELDGAARD



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP433160 | VCP429257 | --- | --- |
| Sample Date | 09 Feb 2024 | 03 Oct 2023 | --- | --- |
| Machine Hours | 2035 | 1490 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Not Chngd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTA EQUIPMENT COMPANY

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 174 | █ 172 | --- | --- |
|-------------|-----|-------|-------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | █ 17 | █ 13 | --- | --- |
| Sodium | ppm | █ 3 | █ 3 | --- | --- |
| Potassium | ppm | █ 2 | █ 2 | --- | --- |

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 | █ 441 | █ 343 | --- | --- |
| Copper | ppm | █ <1 | █ <1 | --- | --- |
| Lead | ppm | █ 0 | █ 0 | --- | --- |
| Tin | ppm | █ <1 | █ <1 | --- | --- |
| Aluminum | ppm | █ 3 | █ 2 | --- | --- |
| Chromium | ppm | █ 10 | █ 7 | --- | --- |
| Molybdenum | ppm | █ 0 | 0 | --- | --- |
| Nickel | ppm | █ <1 | █ <1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ 6 | 5 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 22 | 14 | --- | --- |
| Magnesium | ppm | █ 4 | 4 | --- | --- |
| Zinc | ppm | █ 11 | 8 | --- | --- |
| Phosphorus | ppm | █ 305 | 277 | --- | --- |
| Barium | ppm | █ 0 | 0 | --- | --- |
| Boron | ppm | █ 0 | 0 | --- | --- |

Depot: VOLVO0095
Unique No: 10900217
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

