



CONSTRUCTION EQUIPMENT

VOLVO EC750EL 314205 - RIGHT FINAL DRIVE



Sample No: VCP434312
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP434312 | --- | --- | --- |
| Sample Date | 14 Nov 2023 | --- | --- | --- |
| Machine Hours | 1470 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 169 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 31 | --- | --- | --- |
| Sodium | ppm | █ 1 | --- | --- | --- |
| 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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | █ 408 | --- | --- | --- |
| Copper | ppm | █ <1 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 3 | --- | --- | --- |
| Chromium | ppm | █ 6 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 5 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 28 | --- | --- | --- |
| Magnesium | ppm | █ 2 | --- | --- | --- |
| Zinc | ppm | █ 0 | --- | --- | --- |
| Phosphorus | ppm | █ 242 | --- | --- | --- |
| Barium | ppm | █ 6 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Depot: VOLVO0090
Unique No: 10750877
Signed: Angela Borella
Report Date: 21 Nov 2023



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GRAPHS

