



CONSTRUCTION EQUIPMENT

SW-28850-2 FX CONSTR VOLVO EC300EL 314006 - REAR LEFT FINAL DRIVE



Sample No: VCP438072
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-28850-2 FX CONSTR



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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP438072 | --- | --- | --- |
| Sample Date | 22 Jan 2024 | --- | --- | --- |
| Machine Hours | 2483 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 117 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 36 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ 8 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | █ 341 | --- | --- | --- |
| Copper | ppm | █ 0 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 11 | --- | --- | --- |
| Chromium | ppm | █ 6 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 5 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 11 | --- | --- | --- |
| Magnesium | ppm | █ 4 | --- | --- | --- |
| Zinc | ppm | █ 6 | --- | --- | --- |
| Phosphorus | ppm | █ 463 | --- | --- | --- |
| Barium | ppm | █ <1 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

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.

Depot: VOLVO8770
Unique No: 10849963
Signed: Don Baldrige
Report Date: 31 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

