



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 314646 - FRONT LEFT FINAL DRIVE



Sample No: VCP273728
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP273728 | --- | --- | --- |
| Sample Date | 23 Oct 2023 | --- | --- | --- |
| Machine Hours | 5419 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

STRONGCO EQUIPMENT (AB)

205 MACALPINE CRES.
 FORT MCMURRAY, AB
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OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 90.8 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Silicon | ppm | 24 | --- | --- | --- |
| Sodium | ppm | 2 | --- | --- | --- |
| Potassium | ppm | 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 | 63 | --- | --- | --- |
| Copper | ppm | <1 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 4 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 171 | --- | --- | --- |
| Magnesium | ppm | 3 | --- | --- | --- |
| Zinc | ppm | 69 | --- | --- | --- |
| Phosphorus | ppm | 1066 | --- | --- | --- |
| Barium | ppm | <1 | --- | --- | --- |
| Boron | ppm | 152 | --- | --- | --- |

Depot: VOLVO9843
Unique No: 5668913
Signed: Wes Davis
Report Date: 25 Oct 2023



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GRAPHS

