



CONSTRUCTION EQUIPMENT

SPM568252 VOLVO EC480E 315179 - RIGHT SWING DRIVE



Sample No: VCP407223
Oil Type: GEAR OIL SAE 80W90
Job No: SPM568252



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP407223 | --- | --- | --- |
| Sample Date | 27 Jul 2023 | --- | --- | --- |
| Machine Hours | 615 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 157 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 3 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| 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 oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 24 | --- | --- | --- |
| Copper | ppm | █ <1 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ <1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | █ 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ <1 | --- | --- | --- |
| Vanadium | ppm | █ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 5 | --- | --- | --- |
| Magnesium | ppm | █ <1 | --- | --- | --- |
| Zinc | ppm | █ 25 | --- | --- | --- |
| Phosphorus | ppm | █ 244 | --- | --- | --- |
| Barium | ppm | █ 3 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Depot: SIMCHIL
Unique No: 10602453
Signed: Sean Felton
Report Date: 14 Aug 2023



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GRAPHS

