



CONSTRUCTION EQUIPMENT

SPM568252 VOLVO EC480E 315179 - LEFT SWING DRIVE



Sample No: VCP407239
Oil Type: GEAR OIL SAE 80W90
Job No: SPM568252



SAMPLE INFORMATION

Sample Number	VCP407239	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	615	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	█ 166	---	---	---
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CONTAMINATION

Water	%	█ 0.081	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor. All component wear rates are normal. Free water present. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 51	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
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	█ 26	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 26	---	---	---
Phosphorus	ppm	█ 285	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: SIMCHIIL
Unique No: 10602447
Signed: Don Baldrige
Report Date: 14 Aug 2023



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GRAPHS

