



CONSTRUCTION EQUIPMENT

SPM688848 VOLVO EC480EL 315144 - SWING DRIVE



Sample No: VCP444792
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688848



SAMPLE INFORMATION

Sample Number	VCP444792	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	1019	---	---	---
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

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OIL CONDITION

Visc @ 40°C	cSt	█ 195	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 100	---	---	---
Copper	ppm	█ 40	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2247	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 1006	---	---	---
Phosphorus	ppm	█ 850	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 8	---	---	---

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: SIMCHIL

Unique No: 10990327

Signed: Sean Felton

Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

