



CONSTRUCTION EQUIPMENT

SPM580082 VOLVO EC480EL 315144 - LEFT SWING DRIVE



Sample No: VCP423223
Oil Type: GEAR OIL SAE 80W90
Job No: SPM580082



SAMPLE INFORMATION

Sample Number	VCP423223	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	436	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
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	█ 164	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ <1	---	---	---
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	█ 41	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 321	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: SIMCHIL
Unique No: 10586788
Signed: Wes Davis
Report Date: 04 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

