



CONSTRUCTION EQUIPMENT

SPM580082 VOLVO EC480EL 315144 - RIGHT FINAL DRIVE



Sample No: VCP420676
Oil Type: SHELL 220
Job No: SPM580082



SAMPLE INFORMATION

Sample Number	VCP420676	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	436	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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	▲ 147	---	---	---
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CONTAMINATION

Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 150 range, advise investigate. Confirm oil type.



WEAR METALS

Iron	ppm	■ 3	---	---	---
Copper	ppm	■ 0	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	972	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	195	---	---	---

Depot: SIMCHIL

Unique No: 10586787

Signed: Don Baldrige

Report Date: 04 Aug 2023



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GRAPHS

