



CONSTRUCTION EQUIPMENT

SPM688848 VOLVO EC480EL 315144 - LEFT FINAL DRIVE



Sample No: VCP443532
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688848



SAMPLE INFORMATION

Sample Number	VCP443532	VCP420672	---	---
Sample Date	02 Apr 2024	18 Jul 2023	---	---
Machine Hours	1019	436	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 196	█ 173	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 20	█ 8	---	---
Sodium	ppm	█ <1	█ 3	---	---
Potassium	ppm	█ 0	█ 3	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 115	█ 224	---	---
Copper	ppm	█ 39	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ 1	---	---
Chromium	ppm	█ <1	█ 3	---	---
Molybdenum	ppm	█ 2	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	4	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	█ 2220	25	---	---
Magnesium	ppm	█ 25	4	---	---
Zinc	ppm	█ 1003	8	---	---
Phosphorus	ppm	█ 880	293	---	---
Barium	ppm	█ <1	0	---	---
Boron	ppm	█ 16	1	---	---

Depot: SIMCHIL
Unique No: 10990314
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

