



CONSTRUCTION EQUIPMENT

SPM621717 VOLVO EC480E 315179 - RIGHT FINAL DRIVE



Sample No: VCP409253
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621717



SAMPLE INFORMATION

Sample Number	VCP409253	VCP407222	---	---
Sample Date	10 Nov 2023	27 Jul 2023	---	---
Machine Hours	1086	615	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	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	160	172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	9	---	---
Sodium	ppm	11	1	---	---
Potassium	ppm	3	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	171	215	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	5	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	55	31	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	11	13	---	---
Phosphorus	ppm	297	303	---	---
Barium	ppm	4	4	---	---
Boron	ppm	0	0	---	---

Depot: SIMCHIL
Unique No: 10767292
Signed: Sean Felton
Report Date: 05 Dec 2023



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VOLVO GRAPHS

