



CONSTRUCTION EQUIPMENT

W07013757-1 VOLVO EC250E 3 10207 - REAR RIGHT FINAL DRIVE



Sample No: VCP412676
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: W07013757-1



SAMPLE INFORMATION

Sample Number	VCP412676	VCP408826	VCP386319	---
Sample Date	14 Nov 2023	11 May 2023	26 Oct 2022	---
Machine Hours	2527	2038	1656	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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OIL CONDITION

Visc @ 40°C	cSt	314	287	132	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	55	60	▲ 169	---
Sodium	ppm	3	4	2	---
Potassium	ppm	4	5	16	---

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	390	311	▲ 1033	---
Copper	ppm	1	0	2	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	8	12	▲ 42	---
Chromium	ppm	4	5	▲ 14	---
Molybdenum	ppm	<1	<1	2	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	1	1	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	3	11	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	27	22	9	---
Magnesium	ppm	5	6	4	---
Zinc	ppm	20	13	37	---
Phosphorus	ppm	1012	1074	1076	---
Barium	ppm	0	0	0	---
Boron	ppm	206	186	96	---

Depot: VOLVO8882
Unique No: 10751905
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

