



CONSTRUCTION EQUIPMENT

W070113399 VOLVO ECR235E 314664 - REAR RIGHT FINAL DRIVE



Sample No: VCP414601
Oil Type: MOBIL 75W90
Job No: W070113399



SAMPLE INFORMATION

Sample Number	VCP414601	VCP359447	---	---
Sample Date	13 Nov 2023	29 Apr 2022	---	---
Machine Hours	1107	522	---	---
Oil Hours	500	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
KRATLIFFE@MCCLUNG-LOGAN.COM
T:
F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	▲ 277	■ 175	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 9	■ 32	---	---
Sodium	ppm	■ 3	■ 4	---	---
Potassium	ppm	■ 3	■ 3	---	---

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. The oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 96	■ 186	---	---
Copper	ppm	■ <1	■ 1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 0	■ 2	---	---
Chromium	ppm	■ 2	■ 5	---	---
Molybdenum	ppm	■ <1	3	---	---
Nickel	ppm	■ 0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	8	46	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	16	32	---	---
Phosphorus	ppm	897	511	---	---
Barium	ppm	■ 3	11	---	---
Boron	ppm	■ 106	3	---	---

Depot: VOLVO8882
Unique No: 10763003
Signed: Don Baldrige
Report Date: 30 Nov 2023



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GRAPHS

