



CONSTRUCTION EQUIPMENT

A10813 VOLVO ECR235E 315063 - REAR RIGHT FINAL DRIVE



Sample No: VCP430665
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10813



SAMPLE INFORMATION

Sample Number	VCP430665	VCP420718	VCP385701	---
Sample Date	12 Oct 2023	01 Jun 2023	22 Sep 2022	---
Machine Hours	2480	1990	940	---
Oil Hours	500	1500	940	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	ATTENTION	ATTENTION	NORMAL	---

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 304	▲ 314	■ 177	---
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CONTAMINATION

Silicon	ppm	■ 2	■ 4	■ 13	---
Sodium	ppm	■ <1	■ 0	■ 2	---
Potassium	ppm	■ <1	■ 1	■ <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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 27	■ 50	■ 128	---
Copper	ppm	■ 0	■ <1	■ 0	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ 0	■ 0	■ 0	---
Aluminum	ppm	■ <1	■ 0	■ 1	---
Chromium	ppm	■ <1	■ 1	■ 3	---
Molybdenum	ppm	■ 0	■ <1	■ <1	---
Nickel	ppm	■ 0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ <1	■ 1	■ 4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	■ 15	■ 8	■ 4	---
Magnesium	ppm	■ 0	■ <1	■ <1	---
Zinc	ppm	■ 0	■ 5	■ 9	---
Phosphorus	ppm	■ 918	■ 363	■ 305	---
Barium	ppm	■ 0	■ 2	■ 1	---
Boron	ppm	■ 7	■ 13	■ 0	---

Depot: WASTEL
Unique No: 10712199
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

