



CONSTRUCTION EQUIPMENT

VOLVO EC 140 315532 - REAR RIGHT FINAL DRIVE



Sample No: VCP440209
Oil Type: GEAR OIL SAE 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP440209	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 139	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. 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	▲ 886	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	▲ 41	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	▲ 17	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 113	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 70	---	---	---
Phosphorus	ppm	█ 305	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO0093
Unique No: 11089992
Signed: Jonathan Hester
Report Date: 25 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

