



CONSTRUCTION EQUIPMENT

SW-34060-2 RAMSEY VOLVO EC550E 310289 - REAR LEFT FINAL DRIVE



Sample No: VCP397021
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-34060-2 RAMSEY



SAMPLE INFORMATION

Sample Number	VCP397021	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	558	---	---	---
Oil Hours	558	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 574	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 246	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. High concentration of visible metal present. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8770
Unique No: 11031776
Signed: Don Baldrige
Report Date: 17 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

