



CONSTRUCTION EQUIPMENT

717447 RENTALS VOLVO EC350E 314596 - FRONT RIGHT FINAL DRIVE



Sample No: VCP431658
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717447 RENTALS



SAMPLE INFORMATION

Sample Number	VCP431658	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	619	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 563	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 11	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 282	---	---	---
Barium	ppm	█ <1	---	---	---
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 a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0095
Unique No: 11070533
Signed: Don Baldrige
Report Date: 10 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

