



CONSTRUCTION EQUIPMENT

431313 JMH VOLVO EC145EL 313030 - REAR RIGHT FINAL DRIVE



Sample No: VCP431313
Oil Type: GEAR OIL SAE 80W140
Job No: 431313 JMH



SAMPLE INFORMATION

Sample Number	VCP431313	---	---	---
Sample Date	08 Jan 2024	---	---	---
Machine Hours	2982	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 292	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 47	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

All component wear rates are normal. 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	█ 249	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 49	---	---	---
Phosphorus	ppm	█ 1053	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 142	---	---	---

Depot: VOLVO0096
Unique No: 10829775
Signed: Wes Davis
Report Date: 12 Jan 2024



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GRAPHS

