



CONSTRUCTION EQUIPMENT

S0403980 FORCE DEMO VOLVO EC480EHR 391020 - REAR RIGHT FINAL DRIVE



Sample No: VCP455309
Oil Type: GEAR OIL SAE 80W90
Job No: S0403980 FORCE DEMO



SAMPLE INFORMATION

Sample Number	VCP455309	---	---	---
Sample Date	01 Jul 2024	---	---	---
Machine Hours	1910	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 22099 KNABE ROAD
 CORONA, CA
 US 92883
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OIL CONDITION

Visc @ 40°C	cSt	█ 170	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 85	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	█ 400	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	0	---	---	---

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 80W90. 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.

Depot: VOLVO4486
Unique No: 11111376
Signed: Wes Davis
Report Date: 05 Jul 2024



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GRAPHS

