



CONSTRUCTION EQUIPMENT

607479 VOLVO EC480 311128 - FRONT RIGHT FINAL DRIVE



Sample No: VCP435199
Oil Type: GEAR OIL SAE 80W140
Job No: G07479



HOFFMAN EQUIPMENT - DEPTFORD
1330 HURFFVILLE ROAD
DEPTFORD, NJ
US 08096
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SAMPLE INFORMATION

Sample Number	VCP435199	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	5574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 252	---	---	---
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CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 18	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 66	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 39	---	---	---
Phosphorus	ppm	█ 1076	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 204	---	---	---

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.

Depot: VOLVO8880
Unique No: 10559589
Signed: Wes Davis
Report Date: 14 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

