



CONSTRUCTION EQUIPMENT

A10953 VOLVO EC480E 314962 - RIGHT SWING DRIVE



Sample No: VCP385748
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: A10953



HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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SAMPLE INFORMATION

Sample Number	VCP385748	---	---	---
Sample Date	07 Sep 2023	---	---	---
Machine Hours	1398	---	---	---
Oil Hours	714	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 151	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 220	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 34	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 53	---	---	---
Phosphorus	ppm	1742	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 67	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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: VOLVO8879
Unique No: 10642041
Signed: Wes Davis
Report Date: 11 Sep 2023



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GRAPHS

