



CONSTRUCTION EQUIPMENT

SPM608090 MILBURN DE VOLVO EC480EHR 391005 - RIGHT FINAL DRIVE



Sample No: VCP427348
Oil Type: GEAR OIL SAE 80W90
Job No: SPM608090 MILBURN DE



ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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SAMPLE INFORMATION

Sample Number	VCP427348	VCP355392	---	---
Sample Date	19 Oct 2023	02 May 2022	---	---
Machine Hours	2724	1922	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 160	█ 162	---	---
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CONTAMINATION

Silicon	ppm	█ 11	█ 5	---	---
Sodium	ppm	█ 8	█ 20	---	---
Potassium	ppm	█ 2	█ 0	---	---



WEAR METALS

Iron	ppm	█ 160	█ 196	---	---
Copper	ppm	█ 0	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ 5	█ 6	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 1	█ 0	---	---
Titanium	ppm	█ <1	█ 0	---	---
Silver	ppm	█ 0	█ 2	---	---
Manganese	ppm	█ 5	█ 6	---	---
Vanadium	ppm	█ 0	█ 0	---	---



ADDITIVES

Calcium	ppm	█ 47	█ 31	---	---
Magnesium	ppm	█ 7	█ 1	---	---
Zinc	ppm	█ 6	█ 6	---	---
Phosphorus	ppm	█ 288	█ 422	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 0	█ 6	---	---

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: VOLVO8885
Unique No: 10713365
Signed: Don Baldrige
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

