



CONSTRUCTION EQUIPMENT

SPM606781 VOLVO EC480EL 31110 - FRONT LEFT FINAL DRIVE



Sample No: VCP411086
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM606781



ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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SAMPLE INFORMATION

Sample Number	VCP411086	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	5730	---	---	---
Oil Hours	5730	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 251	---	---	---
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CONTAMINATION

Water	%	█ 0.123	---	---	---
Silicon	ppm	█ 117	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 557	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 13	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 147	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 31	---	---	---
Phosphorus	ppm	█ 749	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 110	---	---	---

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: VOLVO0090
Unique No: 10655609
Signed: Wes Davis
Report Date: 20 Sep 2023



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GRAPHS

