



CONSTRUCTION EQUIPMENT

661880 MOSAIC VOLVO EC480EL 315030 - REAR LEFT FINAL DRIVE



Sample No: VCP440675
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661880 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP440675	---	---	---
Sample Date	31 Jan 2024	---	---	---
Machine Hours	1027	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 262	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 117	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 1058	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ 22	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 2	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 64	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 50	---	---	---
Phosphorus	ppm	█ 760	---	---	---
Barium	ppm	█ 0	---	---	---
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: VOLVO0093
Unique No: 10901570
Signed: Wes Davis
Report Date: 29 Feb 2024



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GRAPHS

