



CONSTRUCTION EQUIPMENT

594335 MOSAIC VOLVO EC480EL 3 15 147 - REAR LEFT FINAL DRIVE



Sample No: VCP416196
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 594335 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP416196	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	812	---	---	---
Oil Hours	812	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 166	---	---	---
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CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 488	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 31	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 301	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

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: 10669038
Signed: Don Baldrige
Report Date: 28 Sep 2023



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GRAPHS

