



# CONSTRUCTION EQUIPMENT

716661 MOSAIC VOLVO EC480EL 315447 - RIGHT SWING DRIVE



**Sample No:** VCP455480  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 716661 MOSAIC



## SAMPLE INFORMATION

Sample Number	VCP455480	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	1348	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 307	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

## 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.



## WEAR METALS

Iron	ppm	█ 57	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 76	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	38	---	---	---
Phosphorus	ppm	█ 924	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 144	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11087971  
**Signed:** Wes Davis  
**Report Date:** 20 Jun 2024



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## GRAPHS

