



CONSTRUCTION EQUIPMENT

716821 MOSAIC VOLVO EC480EL 315147 - REAR RIGHT FINAL DRIVE



Sample No: VCP447398
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716821 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP447398	VCP432112	VCP417652	---
Sample Date	24 May 2024	13 Jan 2024	21 Aug 2023	---
Machine Hours	2182	1647	812	---
Oil Hours	1000	800	812	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	284	253	166	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	140	12	15	---
Sodium	ppm	2	<1	2	---
Potassium	ppm	1	2	1	---



WEAR METALS

Iron	ppm	161	402	663	---
Copper	ppm	<1	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	10	1	6	---
Chromium	ppm	2	3	9	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	7	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	241	69	9	---
Magnesium	ppm	9	6	0	---
Zinc	ppm	124	47	0	---
Phosphorus	ppm	1089	789	305	---
Barium	ppm	0	<1	0	---
Boron	ppm	123	63	<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.

Depot: VOLVO0093
Unique No: 11087960
Signed: Wes Davis
Report Date: 20 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

