



CONSTRUCTION EQUIPMENT

716821 MOSAIC VOLVO EC480EL 315147 - REAR LEFT FINAL DRIVE



Sample No: VCP444753
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716821 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP444753	VCP440036	VCP416196	---
Sample Date	24 May 2024	13 Jan 2024	21 Aug 2023	---
Machine Hours	2182	1647	812	---
Oil Hours	2182	800	812	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	282	256	166	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	11	15	---
Sodium	ppm	2	0	2	---
Potassium	ppm	<1	2	<1	---



WEAR METALS

Iron	ppm	273	379	488	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	2	4	---
Chromium	ppm	3	3	7	---
Molybdenum	ppm	3	1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	3	6	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	170	94	31	---
Magnesium	ppm	28	5	0	---
Zinc	ppm	124	39	10	---
Phosphorus	ppm	992	793	301	---
Barium	ppm	<1	11	0	---
Boron	ppm	73	59	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: 11087959
Signed: Wes Davis
Report Date: 20 Jun 2024



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GRAPHS

