



CONSTRUCTION EQUIPMENT

659444 MOSAIC VOLVO EC480EL 3 15 147 - LEFT SWING DRIVE



Sample No: VCP442579
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 659444 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP442579	VCP411620	---	---
Sample Date	13 Jan 2024	21 Aug 2023	---	---
Machine Hours	1647	812	---	---
Oil Hours	800	812	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	256	155	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	33	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	28	134	---	---
Copper	ppm	6	15	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	177	7	---	---
Magnesium	ppm	6	0	---	---
Zinc	ppm	101	6	---	---
Phosphorus	ppm	832	318	---	---
Barium	ppm	11	0	---	---
Boron	ppm	107	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: 10886654
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

