



CONSTRUCTION EQUIPMENT

717679 MOSAIC VOLVO EC480EL 315186 - RIGHT SWING DRIVE



Sample No: VCP445597
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717679 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP445597	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	1197	---	---	---
Oil Hours	1197	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 171	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 341	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 297	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO0093
Unique No: 11127016
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

