



CONSTRUCTION EQUIPMENT

717066 MOSAIC VOLVO EC480EL 315302 - LEFT SWING DRIVE



Sample No: VCP440479
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 717066 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP440479	VCP442627	---	---
Sample Date	29 May 2024	29 Nov 2023	---	---
Machine Hours	1028	516	---	---
Oil Hours	1028	516	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	246	173	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	20	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	2	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	115	249	---	---
Copper	ppm	14	19	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	3	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	97	8	---	---
Magnesium	ppm	29	0	---	---
Zinc	ppm	99	0	---	---
Phosphorus	ppm	802	396	---	---
Barium	ppm	0	8	---	---
Boron	ppm	72	2	---	---

Depot: VOLVO0093
Unique No: 11127020
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

