



CONSTRUCTION EQUIPMENT

717066 MOSAIC VOLVO EC480EL 315302 - RIGHT SWING DRIVE



Sample No: VCP444380
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 717066 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP444380	VCP440616	---	---
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	170	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	21	---	---
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	109	213	---	---
Copper	ppm	11	18	---	---
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	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	101	8	---	---
Magnesium	ppm	28	0	---	---
Zinc	ppm	93	0	---	---
Phosphorus	ppm	807	391	---	---
Barium	ppm	0	8	---	---
Boron	ppm	77	0	---	---

Depot: VOLVO0093
Unique No: 11127045
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

