



CONSTRUCTION EQUIPMENT

717679 MOSAIC VOLVO EC480EL 315186 - REAR LEFT FINAL DRIVE



Sample No: VCP45147
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717679 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP45147	VCP396403	---	---
Sample Date	13 Jun 2024	01 Oct 2023	---	---
Machine Hours	1197	402	---	---
Oil Hours	1197	402	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	178	175	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	8	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	3	<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	428	301	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	6	3	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	7	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	10	<1	---	---
Phosphorus	ppm	231	314	---	---
Barium	ppm	0	0	---	---
Boron	ppm	5	0	---	---

Depot: VOLVO0093
Unique No: 11127012
Signed: Jonathan Hester
Report Date: 19 Jul 2024



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GRAPHS

