



CONSTRUCTION EQUIPMENT

SW-33848-2 MAVERICK VOLVO EC480E 315097 - REAR LEFT FINAL DRIVE



Sample No: VCP369676
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-33848-2 MAVERICK



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SAMPLE INFORMATION

Sample Number	VCP369676	VCP423131	---	---
Sample Date	10 May 2024	31 Jul 2023	---	---
Machine Hours	2422	679	---	---
Oil Hours	2422	679	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	183	175	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	27	10	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	1381	369	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	6	2	---	---
Chromium	ppm	13	3	---	---
Molybdenum	ppm	185	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	11	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	21	8	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	18	6	---	---
Phosphorus	ppm	733	285	---	---
Barium	ppm	0	3	---	---
Boron	ppm	50	0	---	---

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: VOLVO8770
Unique No: 11036054
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

