



CONSTRUCTION EQUIPMENT

SW-33848-2 MAVERICK VOLVO EC480E 315097 - RIGHT SWING DRIVE



Sample No: VCP369670
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-33848-2 MAVERICK



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SAMPLE INFORMATION

Sample Number	VCP369670	VCP443488	VCP422954	---
Sample Date	10 May 2024	02 Nov 2023	31 Jul 2023	---
Machine Hours	2422	1250	679	---
Oil Hours	1200	600	679	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	126	183	172	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	10	14	---
Sodium	ppm	1	1	0	---
Potassium	ppm	2	0	2	---



WEAR METALS

Iron	ppm	113	417	116	---
Copper	ppm	6	16	▲ 68	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	2	5	2	---
Molybdenum	ppm	51	219	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	4	5	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	233	90	55	---
Magnesium	ppm	145	1	<1	---
Zinc	ppm	246	60	62	---
Phosphorus	ppm	547	732	319	---
Barium	ppm	0	1	4	---
Boron	ppm	12	41	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: 11036056
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

