



CONSTRUCTION EQUIPMENT

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



Sample No: VCP397060
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-33848-2 MAVERICK



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SAMPLE INFORMATION

Sample Number	VCP397060	VCP442142	VCP423001	---
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	127	185	175	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	11	14	---
Sodium	ppm	1	1	0	---
Potassium	ppm	2	0	2	---



WEAR METALS

Iron	ppm	168	449	122	---
Copper	ppm	8	18	▲ 84	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	2	5	2	---
Molybdenum	ppm	61	223	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	4	6	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	221	30	30	---
Magnesium	ppm	138	2	<1	---
Zinc	ppm	237	40	59	---
Phosphorus	ppm	553	732	324	---
Barium	ppm	0	2	4	---
Boron	ppm	14	42	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: 11036055
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

