



CONSTRUCTION EQUIPMENT

SW-24085-2 GRANT MAC VOLVO EC480E 3 10924 - LEFT SWING DRIVE



Sample No: VCP412473
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-24085-2 GRANT MAC



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SAMPLE INFORMATION

Sample Number	VCP412473	VCP353831	---	---
Sample Date	14 Sep 2023	26 May 2022	---	---
Machine Hours	7932	5705	---	---
Oil Hours	2100	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	MARGINAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	145	140	---	---
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CONTAMINATION

Silicon	ppm	11	18	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	721	1132	---	---
Copper	ppm	9	14	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	6	11	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	30	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	32	49	---	---
Phosphorus	ppm	1074	895	---	---
Barium	ppm	0	0	---	---
Boron	ppm	154	112	---	---

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: 10659108
Signed: Wes Davis
Report Date: 22 Sep 2023



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GRAPHS

