



CONSTRUCTION EQUIPMENT

SWO072947 VOLVO EC480EL 315428 - REAR LEFT FINAL DRIVE



Sample No: VCP450608
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO072947



SAMPLE INFORMATION

Sample Number	VCP450608	VCP447581	---	---
Sample Date	21 Jun 2024	19 Dec 2023	---	---
Machine Hours	1013	482	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	█ 228	█ 174	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 11	█ 12	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ <1	█ 0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	█ 778	▲ 1292	---	---
Copper	ppm	█ <1	█ 2	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ 6	▲ 12	---	---
Molybdenum	ppm	█ 7	1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 6	12	---	---
Vanadium	ppm	█ 0	<1	---	---



ADDITIVES

Calcium	ppm	█ 96	12	---	---
Magnesium	ppm	█ 35	<1	---	---
Zinc	ppm	█ 93	12	---	---
Phosphorus	ppm	█ 705	277	---	---
Barium	ppm	█ 1	2	---	---
Boron	ppm	█ 54	3	---	---

Depot: SAIBIR
Unique No: 11099789
Signed: Angela Borella
Report Date: 28 Jun 2024



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GRAPHS

