



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 315166 - RIGHT SWING DRIVE



Sample No: VCP449247
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP449247	---	---	---
Sample Date	22 Dec 2023	---	---	---
Machine Hours	1242	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 156	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 201	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 24	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 58	---	---	---
Phosphorus	ppm	█ 319	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 9	---	---	---

Depot: VOLVO0090
Unique No: 10807057
Signed: Jonathan Hester
Report Date: 29 Dec 2023



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GRAPHS

