



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 315166 - RIGHT FINAL DRIVE



Sample No: VCP450774
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP450774	---	---	---
Sample Date	21 Jun 2024	---	---	---
Machine Hours	2104	---	---	---
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	█ 153	---	---	---
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CONTAMINATION

Water	%	█ 0.053	---	---	---
Silicon	ppm	█ 51	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 728	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 123	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 126	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: VOLVO0090
Unique No: 11099777
Signed: Angela Borella
Report Date: 28 Jun 2024



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GRAPHS

