



CONSTRUCTION EQUIPMENT

3034 VOLVO ECR145EL 315064 - FRONT LEFT FINAL DRIVE



Sample No: VCP434348
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 3034



SAMPLE INFORMATION

Sample Number	VCP434348	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	2915	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LEONARDS CONTRACTING
30850 STEPHENSON HWY
MADISON HEIGHTS, MI
US 48071
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OIL CONDITION

Visc @ 40°C	cSt	█ 152	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

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.



WEAR METALS

Iron	ppm	█ 193	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 246	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 104	---	---	---
Phosphorus	ppm	█ 985	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	28	---	---	---

Depot: LEOMAD
Unique No: 11057920
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

