



CONSTRUCTION EQUIPMENT

3040 VOLVO EC220EL 314928 - FRONT RIGHT FINAL DRIVE



Sample No: VCP383150
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 3040



SAMPLE INFORMATION

Sample Number	VCP383150	---	---	---
Sample Date	28 Nov 2023	---	---	---
Machine Hours	1040	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LEONARDS CONTRACTING

30850 STEPHENSON HWY
MADISON HEIGHTS, MI
US 48071
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F: x:



OIL CONDITION

Visc @ 40°C	cSt	█ 168	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 93	---	---	---
Copper	ppm	█ 10	---	---	---
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	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 30	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 8	---	---	---
Phosphorus	ppm	█ 285	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: LEOMAD
Unique No: 10792275
Signed: Sean Felton
Report Date: 20 Dec 2023



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GRAPHS

