



CONSTRUCTION EQUIPMENT

3022 VOLVO EC380EL 311273 - FRONT RIGHT FINAL DRIVE



Sample No: VCP432786
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 3022



SAMPLE INFORMATION

Sample Number	VCP432786	---	---	---
Sample Date	25 Mar 2024	---	---	---
Machine Hours	6130	---	---	---
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	█ 147	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 1	---	---	---
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	█ 222	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 100	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 56	---	---	---
Phosphorus	ppm	1735	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 113	---	---	---

Depot: LEOMAD
Unique No: 10963652
Signed: Wes Davis
Report Date: 05 Apr 2024



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GRAPHS

