



CONSTRUCTION EQUIPMENT

3025 VOLVO EC460CL 110315 - FRONT RIGHT FINAL DRIVE



Sample No: VCP383273
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 3025



SAMPLE INFORMATION

Sample Number	VCP383273	VCP393356	---	---
Sample Date	06 Oct 2023	23 May 2023	---	---
Machine Hours	11370	11000	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

LEONARDS CONTRACTING

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



OIL CONDITION

Visc @ 40°C	cSt	142	142	---	---
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CONTAMINATION

Silicon	ppm	53	36	---	---
Sodium	ppm	4	1	---	---
Potassium	ppm	5	4	---	---



WEAR METALS

Iron	ppm	330	263	---	---
Copper	ppm	28	20	---	---
Lead	ppm	▲ 29	14	---	---
Tin	ppm	2	1	---	---
Aluminum	ppm	8	6	---	---
Chromium	ppm	3	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	43	33	---	---
Magnesium	ppm	7	6	---	---
Zinc	ppm	22	15	---	---
Phosphorus	ppm	1408	1250	---	---
Barium	ppm	11	0	---	---
Boron	ppm	78	97	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEOMAD
Unique No: 10709566
Signed: Sean Felton
Report Date: 25 Oct 2023

VOLVO **GRAPHS**

