



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 311334 - REAR RIGHT FINAL DRIVE



Sample No: VCP383179
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP383179	VCP384142	---	---
Sample Date	20 Oct 2023	04 Jan 2023	---	---
Machine Hours	5780	4860	---	---
Oil Hours	0	500	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

LEONARDS CONTRACTING
 30850 STEPHENSON HWY
 MADISON HEIGHTS, MI
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OIL CONDITION

Visc @ 40°C	cSt	144	140	---	---
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CONTAMINATION

Silicon	ppm	195	75	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	11	4	---	---



WEAR METALS

Iron	ppm	854	278	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	31	13	---	---
Chromium	ppm	6	3	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	2	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	71	26	---	---
Magnesium	ppm	20	6	---	---
Zinc	ppm	20	6	---	---
Phosphorus	ppm	764	1554	---	---
Barium	ppm	0	0	---	---
Boron	ppm	52	98	---	---

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.

Depot: LEOMAD
Unique No: 10725310
Signed: Sean Felton
Report Date: 03 Nov 2023



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GRAPHS

