



CONSTRUCTION EQUIPMENT

VOLVO EC300EL 313114 - LEFT FINAL DRIVE



Sample No: VCP438753
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP438753	VCP413210	---	---
Sample Date	17 Apr 2024	12 Jun 2023	---	---
Machine Hours	2290	1631	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	220	220	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	13	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	4	4	---	---

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	417	319	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	11	8	---	---
Molybdenum	ppm	8	8	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	85	104	---	---
Magnesium	ppm	19	30	---	---
Zinc	ppm	76	88	---	---
Phosphorus	ppm	793	758	---	---
Barium	ppm	0	0	---	---
Boron	ppm	64	90	---	---

Depot: VOLVO0090
Unique No: 10990344
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

