



CONSTRUCTION EQUIPMENT

VOLVO EC250EL 314172 - REAR RIGHT FINAL DRIVE



Sample No: VCP438771
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP438771	VCP407155	---	---
Sample Date	14 May 2024	02 Oct 2023	---	---
Machine Hours	3232	2232	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	142	149	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	10	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	0	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	95	285	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	34	30	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	7	22	---	---
Phosphorus	ppm	2120	1555	---	---
Barium	ppm	0	2	---	---
Boron	ppm	257	61	---	---

Depot: CITMILCON
Unique No: 11056529
Signed: Don Baldrige
Report Date: 31 May 2024



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GRAPHS

