



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 314575 - REAR LEFT FINAL DRIVE



Sample No: VCP436465
Oil Type: VALVOLINE ALLFLEET 30
Job No:



SAMPLE INFORMATION

Sample Number	VCP436465	VCP438660	---	---
Sample Date	30 Apr 2024	10 Jan 2024	---	---
Machine Hours	0	1057	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
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	172	174	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	9	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	1	1	---	---

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	265	272	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	1	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	7	6	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	27	40	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	16	0	---	---
Phosphorus	ppm	342	394	---	---
Barium	ppm	2	5	---	---
Boron	ppm	0	0	---	---

Depot: CITMILCON
Unique No: 11016391
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

