



CONSTRUCTION EQUIPMENT

VOLVO EC250EL 314086 - FRONT LEFT FINAL DRIVE



Sample No: VCP407079

Oil Type: VOLVO 80W

Job No:



SAMPLE INFORMATION

Sample Number	VCP407079	VCP407176	---	---
Sample Date	21 Dec 2023	24 May 2023	---	---
Machine Hours	4629	4006	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
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	136	138	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	8	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	3	---	---

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	366	315	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	7	4	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	60	21	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	30	19	---	---
Phosphorus	ppm	861	877	---	---
Barium	ppm	10	0	---	---
Boron	ppm	112	120	---	---

Depot: CITMILCON
Unique No: 10820284
Signed: Wes Davis
Report Date: 09 Jan 2024



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GRAPHS

