



CONSTRUCTION EQUIPMENT

VOLVO EC250EL 314172 - FRONT AXLE



Sample No: VCP439479

Oil Type: SAE 10W

Job No:



SAMPLE INFORMATION

Sample Number	VCP439479	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

CITY CARTING

221 OLD GATE LN
MILFORD, CT
US 06460
Contact: JOHN LINARES
jlinares@win-waste.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 141	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 70	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 84	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 37	---	---	---
Phosphorus	ppm	█ 1771	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 222	---	---	---

Depot: CITMILCON
Unique No: 10858210
Signed: Sean Felton
Report Date: 02 Feb 2024



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GRAPHS

