



CONSTRUCTION EQUIPMENT

W127867 VOLVO EC250EL 314145 - DIESEL ENGINE



Sample No: VCP359469

Oil Type: VOLVO

Job No: W127867



SAMPLE INFORMATION

Sample Number	VCP359469	---	---	---
Sample Date	06 Apr 2022	---	---	---
Machine Hours	1122	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 100°C	cSt	▲ 10.9	---	---	---
Base Number (BN)	mg KOH/g	■ 8.7	---	---	---
Oxidation (PA)	%	70	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



CONTAMINATION

Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.7	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 9	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 43	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2091	---	---	---
Magnesium	ppm	■ 113	---	---	---
Zinc	ppm	■ 1082	---	---	---
Phosphorus	ppm	■ 894	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 103	---	---	---

Depot: VOLVO0142
 Unique No: 9929108
 Signed: Jonathan Hester
 Report Date: 13 Apr 2022



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GRAPHS

