



CONSTRUCTION EQUIPMENT

A11930 VOLVO EC350E 314672 - DIESEL ENGINE



Sample No: VCP408153
Oil Type: MOBIL 15W40
Job No: A11930



SAMPLE INFORMATION

Sample Number	VCP408153	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	1925	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	MARGINAL	---	---	---

WASTE MANAGEMENT - TELFORD

400 PROGRESS DR
TELFORD, PA
US 18969-1191
Contact: EDWARD ROGENER
erogener@wm.com



OIL CONDITION

Visc @ 100°C	cSt	▲ 12.4	---	---	---
Base Number (BN)	mg KOH/g	■ 7.1	---	---	---
Oxidation (PA)	%	■ 56	---	---	---

T:
F:

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.



CONTAMINATION

Water	%	■ NEG	---	---	---
Soot %	%	■ 0	---	---	---
Nitration (PA)	%	■ 48	---	---	---
Sulfation (PA)	%	■ 55	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ 0.8	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 1	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 110	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 1233	---	---	---
Magnesium	ppm	■ 725	---	---	---
Zinc	ppm	■ 870	---	---	---
Phosphorus	ppm	■ 761	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 106	---	---	---

Depot: WASTEL
Unique No: 10873238
Signed: Jonathan Hester
Report Date: 14 Feb 2024



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GRAPHS

