



CONSTRUCTION EQUIPMENT

A12146 VOLVO EC350E 314672 - DIESEL ENGINE



Sample No: VCP438203
Oil Type: MOBIL 15W40
Job No: A12146



SAMPLE INFORMATION

Sample Number	VCP438203	VCP408153	---	---
Sample Date	26 Mar 2024	23 Jan 2024	---	---
Machine Hours	2450	1925	---	---
Oil Hours	500	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	MARGINAL	---	---

WASTE MANAGEMENT - TELFORD

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



OIL CONDITION

Visc @ 100°C	cSt	11.9	▲ 12.4	---	---
Base Number (BN)	mg KOH/g	5.2	7.1	---	---
Oxidation (PA)	%	48	56	---	---

Diagnosis

No corrective action is recommended at this time. 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	60	48	---	---
Sulfation (PA)	%	55	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	0.9	0.8	---	---
Silicon	ppm	8	9	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	3	1	---	---
Copper	ppm	6	2	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	17	110	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2117	1233	---	---
Magnesium	ppm	145	725	---	---
Zinc	ppm	910	870	---	---
Phosphorus	ppm	836	761	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	106	---	---

Depot: WASTEL
Unique No: 10968728
Signed: Wes Davis
Report Date: 15 Apr 2024



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GRAPHS

