



CONSTRUCTION EQUIPMENT

60494 DR MOZELEY VOLVO EC380E 314381 - DIESEL ENGINE



Sample No: VCP369712
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 60494 DR MOZELEY



114 - ASCENDUM MACHINERY INC - CONCORD
 1025 INTERNATIONAL DR NW
 CONCORD, NC
 US 28027
 Contact: CEB SMITH
 ceb.smith@ascendummachinery.com
 T: (704)596-8283
 F: (704)596-1362

SAMPLE INFORMATION

Sample Number	VCP369712	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	1656	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	▲ 12.2	---	---	---
Base Number (BN)	mg KOH/g	■ 9.4	---	---	---
Oxidation (PA)	%	52	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.4	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

Iron	ppm	■ 1	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 51	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1085	---	---	---
Magnesium	ppm	■ 816	---	---	---
Zinc	ppm	■ 1105	---	---	---
Phosphorus	ppm	■ 910	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 15	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. 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.

Depot: VOLVO0016
Unique No: 10764743
Signed: Angela Borella
Report Date: 01 Dec 2023



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GRAPHS

