



CONSTRUCTION EQUIPMENT

W06005608 TRIPLE B VOLVO A40E 11607 - DIESEL ENGINE



Sample No: VCP411653
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: W06005608 TRIPLE B



SAMPLE INFORMATION

Sample Number	VCP411653	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	14035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

McClung-Logan Virginia LLC
 2025 COOK DRIVE
 SALEM, VA
 US 24153
 Contact: HUNTER TRIVELLIN
 ttrivellin@mcclung-logan.com
 T: (540)789-3750
 F:



OIL CONDITION

Visc @ 100°C	cSt	▲ 11.3	---	---	---
Base Number (BN)	mg KOH/g	■ 8.9	---	---	---
Oxidation (PA)	%	■ 51	---	---	---

Diagnosis

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. Confirm oil type. The AN level is acceptable for this fluid.



CONTAMINATION

Soot %	%	■ 0.3	---	---	---
Nitration (PA)	%	■ 43	---	---	---
Sulfation (PA)	%	■ 49	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ 1.7	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 66	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 1213	---	---	---
Magnesium	ppm	■ 915	---	---	---
Zinc	ppm	■ 1287	---	---	---
Phosphorus	ppm	■ 1093	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 53	---	---	---

Depot: VOLVO9010
Unique No: 10658020
Signed: Don Baldrige
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

