



CONSTRUCTION EQUIPMENT

W06005608 TRIPLE B VOLVO A40E 11607 - REAR AXLE



Sample No: VCP411797
Oil Type: VOLVO 85W90
Job No: W06005608 TRIPLE B



SAMPLE INFORMATION

Sample Number	VCP411797	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	14035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

McClung-Logan Virginia LLC
 2025 COOK DRIVE
 SALEM, VA
 US 24153
 Contact: CHRIS BLANKENSHIP
 cblankenship@mcclung-logan.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 74.6	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	◆ 607	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 65	---	---	---



WEAR METALS

Iron	ppm	■ 410	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 209	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	67	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	10	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1219	---	---	---
Magnesium	ppm	589	---	---	---
Zinc	ppm	1102	---	---	---
Phosphorus	ppm	1001	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	203	---	---	---

Diagnosis
 We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO9010
Unique No: 10658502
Signed: Don Baldridge
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

