



CONSTRUCTION EQUIPMENT

730045 IAA VOLVO L90H 625959 - REAR RIGHT FINAL DRIVE



Sample No: VCP417961
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 730045 IAA



SAMPLE INFORMATION

Sample Number	VCP417961	---	---	---
Sample Date	19 Jun 2024	---	---	---
Machine Hours	5059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	■ 39.4	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 91	---	---	---
Copper	ppm	▲ 82	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3746	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 1609	---	---	---
Phosphorus	ppm	■ 1307	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 113	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0095
Unique No: 11099818
Signed: Jonathan Hester
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

