



CONSTRUCTION EQUIPMENT

VOLVO L90H 625926 - REAR AXLE



Sample No: VCP339952
Oil Type: VOLVO WB 102
Job No:



VOLVO SAMPLE INFORMATION

Sample Number	VCP339952	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	6025	---	---	---
Oil Hours	488	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT
 2500 WESTWARD DR
 SPRING GROVE, IL
 US 60081
 Contact: JOHN DODGE
 john.dodge@altg.com
 T:
 F:

VOLVO OIL CONDITION

Visc @ 40°C	cSt	■ 43.7	---	---	---
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VOLVO CONTAMINATION

Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 10	---	---	---

VOLVO WEAR METALS

Iron	ppm	■ 112	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---

VOLVO ADDITIVES

Calcium	ppm	■ 4149	---	---	---
Magnesium	ppm	■ 18	---	---	---
Zinc	ppm	■ 1632	---	---	---
Phosphorus	ppm	■ 1300	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 135	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: ALTSPR
Unique No: 10635553
Signed: Don Baldrige
Report Date: 10 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

