



CONSTRUCTION EQUIPMENT

VOLVO L70E 67918 - REAR AXLE



Sample No: VCP0007367

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007367	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	▲ 0.649	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 228	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3360	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1569	---	---	---
Phosphorus	ppm	1320	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	55	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 10670883
Signed: Jonathan Hester
Report Date: 03 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

