



CONSTRUCTION EQUIPMENT

SWA143338 VOLVO L110H 632075 - FRONT AXLE



Sample No: VCP370089

Oil Type: NOT GIVEN

Job No: SWA143338



SAMPLE INFORMATION

Sample Number	VCP370089	VCP354240	---	---
Sample Date	06 Jan 2023	23 Jun 2022	---	---
Machine Hours	2988	1626	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---



ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	■ 39.8	■ 39.5	---	---
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CONTAMINATION

Silicon	ppm	■ 14	■ 14	---	---
Sodium	ppm	■ 9	■ 11	---	---
Potassium	ppm	■ 2	■ 0	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 807	■ 353	---	---
Copper	ppm	■ 2	■ 1	---	---
Lead	ppm	■ 0	■ <1	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ <1	■ 2	---	---
Chromium	ppm	■ 13	■ 6	---	---
Molybdenum	ppm	16	13	---	---
Nickel	ppm	■ 3	■ 2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	20	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3992	3914	---	---
Magnesium	ppm	13	15	---	---
Zinc	ppm	1565	1598	---	---
Phosphorus	ppm	1267	1281	---	---
Barium	ppm	1	0	---	---
Boron	ppm	119	147	---	---

Depot: VOLV00142
 Unique No: 10287057
 Signed: Sean Felton
 Report Date: 13 Jan 2023



CONSTRUCTION EQUIPMENT



GRAPHS

