



CONSTRUCTION EQUIPMENT

SWA143338 VOLVO L110H 632075 - REAR AXLE



Sample No: VCP370091

Oil Type: NOT GIVEN

Job No: SWA143338



SAMPLE INFORMATION

Sample Number	VCP370091	VCP354242	---	---
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
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	■ 39.3	■ 39.9	---	---
-------------	-----	--------	--------	-----	-----



CONTAMINATION

Silicon	ppm	■ 14	■ 19	---	---
Sodium	ppm	■ 8	■ 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	▲ 666	■ 391	---	---
Copper	ppm	■ 1	■ 2	---	---
Lead	ppm	■ 0	■ <1	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ <1	■ 4	---	---
Chromium	ppm	■ 11	■ 7	---	---
Molybdenum	ppm	13	12	---	---
Nickel	ppm	■ 3	■ 3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	18	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3970	3845	---	---
Magnesium	ppm	13	14	---	---
Zinc	ppm	1556	1551	---	---
Phosphorus	ppm	1283	1250	---	---
Barium	ppm	1	0	---	---
Boron	ppm	117	146	---	---

Depot: VOLV00142
 Unique No: 10287056
 Signed: Sean Felton
 Report Date: 13 Jan 2023



CONSTRUCTION EQUIPMENT



GRAPHS

