



CONSTRUCTION EQUIPMENT

334382 VOLVO L90H 624347 - FRONT AXLE



Sample No: VCP412949

Oil Type: NOT GIVEN

Job No: 334382



SAMPLE INFORMATION

Sample Number	VCP412949	VCP290981	VCP252489	---
Sample Date	17 Aug 2023	28 Oct 2020	29 Aug 2019	---
Machine Hours	2032	1087	659	---
Oil Hours	0	1087	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	39.4	38.6	43.1	---
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CONTAMINATION

Silicon	ppm	14	12	14	---
Sodium	ppm	8	2	4	---
Potassium	ppm	2	<1	5	---



WEAR METALS

Iron	ppm	41	70	62	---
Copper	ppm	<1	1	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	<1	---
Chromium	ppm	2	3	3	---
Molybdenum	ppm	3	14	13	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	10	10	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	4679	3956	4100	---
Magnesium	ppm	12	9	9	---
Zinc	ppm	1869	1496	1642	---
Phosphorus	ppm	1499	1268	1265	---
Barium	ppm	0	0	0	---
Boron	ppm	157	128	114	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All 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: VOLVO0142
Unique No: 10630572
Signed: Wes Davis
Report Date: 31 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

