



CONSTRUCTION EQUIPMENT

W07013376-1 AM HARDW VOLVO L90H 623857 - FRONT AXLE



Sample No: VCP418317
Oil Type: VOLVO WB 102
Job No: W07013376-1 AM HARDW



SAMPLE INFORMATION

Sample Number	VCP418317	VCP340087	VCP288196	---
Sample Date	29 Aug 2023	25 Jan 2023	23 Oct 2020	---
Machine Hours	12895	11675	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
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T:
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OIL CONDITION

Visc @ 40°C	cSt	38.6	40.1	40.8	---
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CONTAMINATION

Silicon	ppm	9	14	12	---
Sodium	ppm	2	2	3	---
Potassium	ppm	1	2	5	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	23	58	34	---
Copper	ppm	<1	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3268	4463	3900	---
Magnesium	ppm	9	15	9	---
Zinc	ppm	1514	1768	1621	---
Phosphorus	ppm	1320	1443	1340	---
Barium	ppm	2	0	0	---
Boron	ppm	121	157	108	---

Depot: VOLVO8882
Unique No: 10633274
Signed: Wes Davis
Report Date: 06 Sep 2023



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GRAPHS

