



CONSTRUCTION EQUIPMENT

SWI026357 VOLVO L90H 625554 - FRONT AXLE



Sample No: VCP441003
Oil Type: VOLVO WB 102
Job No: SWI026357



SAMPLE INFORMATION

Sample Number	VCP441003	VCP369180	---	---
Sample Date	14 Nov 2023	23 Mar 2023	---	---
Machine Hours	7077	6617	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
 F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	48.5	49.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	12	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	2	2	---	---

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	7	7	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3349	3463	---	---
Magnesium	ppm	27	35	---	---
Zinc	ppm	1406	1480	---	---
Phosphorus	ppm	1120	1099	---	---
Barium	ppm	0	0	---	---
Boron	ppm	115	107	---	---

Depot: VOLVO6174
Unique No: 10754638
Signed: Wes Davis
Report Date: 26 Nov 2023



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GRAPHS

