



CONSTRUCTION EQUIPMENT

1027787 CUSTOM LS VOLVO L350H 1103 - FRONT AXLE



Sample No: VCP437816
Oil Type: VOLVO WB 102
Job No: 1027787 CUSTOM LS



SAMPLE INFORMATION

Sample Number	VCP437816	VCP05394907	---	---
Sample Date	06 May 2024	29 Oct 2021	---	---
Machine Hours	7020	4320	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
Contact: KEITH FELL
kfell@arnoldmachinery.com
T: (602)414-1900
F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	42.3	42.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	30	13	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	3	0	---	---

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	440	58	---	---
Copper	ppm	26	9	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	3	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	4	<1	---	---
Molybdenum	ppm	8	6	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	7	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4784	3537	---	---
Magnesium	ppm	51	30	---	---
Zinc	ppm	1735	1448	---	---
Phosphorus	ppm	1320	1272	---	---
Barium	ppm	2	0	---	---
Boron	ppm	185	132	---	---

Depot: VOLVO6174
Unique No: 11021934
Signed: Sean Felton
Report Date: 14 May 2024



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GRAPHS

