



# CONSTRUCTION EQUIPMENT

46467 VOLVO L90H 625895 - REAR AXLE



**Sample No:** VCP331727  
**Oil Type:** VOLVO WB 102  
**Job No:** 46467



## SAMPLE INFORMATION

Sample Number	<b>VCP331727</b>	VCP331824	---	---
Sample Date	<b>06 Sep 2022</b>	09 Feb 2022	---	---
Machine Hours	<b>2023</b>	1012	---	---
Oil Hours	<b>1000</b>	1000	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**367 - ASCENDUM MACHINERY INC - BUFORD**  
 3779 RYDER BLVD  
 BUFORD, GA  
 US 30519  
 Contact: Dana Vaccaro  
 dana.vaccaro@ascendummachinery.com  
 T: (678)318-9500  
 F: (678)318-9534



## OIL CONDITION

Visc @ 40°C	cSt	<b>42.1</b>	39.9	---	---
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## CONTAMINATION

Silicon	ppm	<b>8</b>	8	---	---
Sodium	ppm	<b>6</b>	8	---	---
Potassium	ppm	<b>0</b>	0	---	---



## WEAR METALS

Iron	ppm	<b>14</b>	33	---	---
Copper	ppm	<b>48</b>	63	---	---
Lead	ppm	<b>0</b>	1	---	---
Tin	ppm	<b>3</b>	3	---	---
Aluminum	ppm	<b>1</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>2</b>	1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>2951</b>	3634	---	---
Magnesium	ppm	<b>18</b>	9	---	---
Zinc	ppm	<b>1417</b>	1542	---	---
Phosphorus	ppm	<b>1213</b>	1329	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>122</b>	106	---	---

## 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.

**Depot:** VOLVO8529  
**Unique No:** 10127713  
**Signed:** Wes Davis  
**Report Date:** 12 Sep 2022



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## GRAPHS

