



# CONSTRUCTION EQUIPMENT

A10585 VOLVO L110H 632525 - FRONT AXLE



**Sample No:** VCP406995  
**Oil Type:** MOBIL WB 102  
**Job No:** A10585



## SAMPLE INFORMATION

Sample Number	VCP406995	---	---	---
Sample Date	22 Jun 2023	---	---	---
Machine Hours	975	---	---	---
Oil Hours	975	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**HMR ASSOCIATES**  
 PO BOX 485  
 TOUGHKENAMON, PA  
 US 19374  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
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T:  
 F: (610)268-2225



## CONTAMINATION

Silicon	ppm	█ 36	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 3	---	---	---

**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	█ 495	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	19	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	17	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	3933	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1581	---	---	---
Phosphorus	ppm	1281	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	136	---	---	---

**Depot:** HMRTOU  
**Unique No:** 10537437  
**Signed:** Don Baldrige  
**Report Date:** 03 Jul 2023



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## GRAPHS

