



# CONSTRUCTION EQUIPMENT

405980 CARR BROS VOLVO A40F 11213 - BOGIE/CENTER AXLE



**Sample No:** VCP383082  
**Oil Type:** NOT GIVEN  
**Job No:** 405980 CARR BROS



## SAMPLE INFORMATION

Sample Number	<b>VCP383082</b>	VCE159417	VCE114710	---
Sample Date	<b>01 Dec 2023</b>	27 Jun 2012	09 May 2012	---
Machine Hours	<b>15931</b>	1568	1047	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
56195 PONTIAC TRAIL  
NEW HUDSON, MI  
US 48165  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>94.6</b>	113.2	64.55	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>3</b>	8	30	---
Sodium	ppm	<b>0</b>	3	1	---
Potassium	ppm	<b>1</b>	1	2	---



## WEAR METALS

Iron	ppm	<b>15</b>	10	162	---
Copper	ppm	<b>&lt;1</b>	<1	3	---
Lead	ppm	<b>0</b>	4	3	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>3</b>	2	4	---
Chromium	ppm	<b>&lt;1</b>	<1	3	---
Molybdenum	ppm	<b>&lt;1</b>	1	13	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	0	2	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>6</b>	<1	14	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>42</b>	252	137	---
Magnesium	ppm	<b>3</b>	2	<1	---
Zinc	ppm	<b>5</b>	126	22	---
Phosphorus	ppm	<b>564</b>	1379	1393	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>33</b>	218	170	---

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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:** VOLVO2990  
**Unique No:** 10803037  
**Signed:** Wes Davis  
**Report Date:** 22 Dec 2023



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## GRAPHS

