



# CONSTRUCTION EQUIPMENT

## VOLVO A30F 12068 - BOGIE/CENTER AXLE



**Sample No:** VCP424095  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP424095</b>	VCP400999	VCP384630	VCP283685
Sample Date	<b>28 Aug 2023</b>	17 May 2023	29 Sep 2022	29 Sep 2020
Machine Hours	<b>18975</b>	18758	18108	16530
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	N/A	N/A
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	NORMAL

**SENECA MEADOWS**  
 1786 SALCMAN ROAD  
 WATERLOO, NY  
 US  
 Contact: EDWARD BARTO  
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 T: (315)539-5624  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>53.2</b>	53.4	58.9	120
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	4	19
Sodium	ppm	<b>3</b>	2	2	<1
Potassium	ppm	<b>0</b>	0	0	8

**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	<b>18</b>	19	15	16
Copper	ppm	<b>&lt;1</b>	<1	3	1
Lead	ppm	<b>0</b>	0	0	2
Tin	ppm	<b>1</b>	0	0	0
Aluminum	ppm	<b>1</b>	0	<1	6
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	2
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>4</b>	12	3	53
Magnesium	ppm	<b>0</b>	0	0	3
Zinc	ppm	<b>0</b>	0	3	4
Phosphorus	ppm	<b>2534</b>	2314	1971	1174
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>320</b>	350	270	190

**Depot:** SENWAT  
**Unique No:** 10629078  
**Signed:** Sean Felton  
**Report Date:** 31 Aug 2023



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## GRAPHS

