



# CONSTRUCTION EQUIPMENT

SWO-064335 VOLVO A40F 11843 - BOGIE/CENTER AXLE



**Sample No:** VCP416729  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-064335



## SAMPLE INFORMATION

Sample Number	<b>VCP416729</b>	VCP395357	VCP404337	VCP366188
Sample Date	<b>02 Aug 2023</b>	12 Apr 2023	08 Dec 2022	29 Aug 2022
Machine Hours	<b>6103</b>	5555	5050	4525
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>326</b>	326	325	322
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## CONTAMINATION

Silicon	ppm	<b>9</b>	10	8	4
Sodium	ppm	<b>0</b>	0	<1	0
Potassium	ppm	<b>2</b>	0	<1	0



## WEAR METALS

Iron	ppm	<b>56</b>	50	31	14
Copper	ppm	<b>&lt;1</b>	0	<1	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	4	2	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>2</b>	2	1	2
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>1</b>	1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>63</b>	67	105	53
Magnesium	ppm	<b>13</b>	18	11	5
Zinc	ppm	<b>39</b>	34	54	32
Phosphorus	ppm	<b>951</b>	965	911	851
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>184</b>	181	150	177

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity 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:** SAIBIR

**Unique No:** 10589853

**Signed:** Sean Felton

**Report Date:** 08 Aug 2023



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## VOLVO GRAPHS

