



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341 127 - BOGIE/CENTER AXLE



**Sample No:** VCP446258  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP446258</b>	VCP385142	VCP379396	---
Sample Date	<b>10 Jul 2024</b>	27 Apr 2023	16 Jan 2023	---
Machine Hours	<b>15296</b>	12838	12357	---
Oil Hours	<b>1074</b>	481	1069	---
Oil Changed	<b>Changed</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>137</b>	138	135	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>4</b>	8	1	---
Sodium	ppm	<b>0</b>	2	0	---
Potassium	ppm	<b>1</b>	<1	0	---

### 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>20</b>	11	14	---
Copper	ppm	<b>1</b>	1	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>4</b>	1	0	---
Chromium	ppm	<b>&lt;1</b>	<1	0	---
Molybdenum	ppm	<b>2</b>	2	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>148</b>	143	167	---
Magnesium	ppm	<b>15</b>	17	6	---
Zinc	ppm	<b>71</b>	57	73	---
Phosphorus	ppm	<b>1036</b>	974	937	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>212</b>	163	175	---

**Depot:** SCHGRE  
**Unique No:** 11129472  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2024



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## GRAPHS

