



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352198 - FRONT AXLE



**Sample No:** VCP312940  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP312940	VCP405996	---	---
Sample Date	06 Sep 2023	19 Jun 2023	---	---
Machine Hours	4393	3898	---	---
Oil Hours	495	239	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 131	▲ 50.2	---	---
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### CONTAMINATION

Silicon	ppm	█ 4	█ 2	---	---
Sodium	ppm	█ 0	█ 3	---	---
Potassium	ppm	█ <1	█ 2	---	---

### 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	█ 52	█ 76	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 203	█ 43	---	---
Magnesium	ppm	█ 18	█ 0	---	---
Zinc	ppm	█ 101	█ 14	---	---
Phosphorus	ppm	█ 1070	█ 2491	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 204	█ 295	---	---

**Depot:** SCHGRE  
**Unique No:** 10672288  
**Signed:** Wes Davis  
**Report Date:** 02 Oct 2023



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## VOLVO GRAPHS

