



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352349 - BOGIE/CENTER AXLE



**Sample No:** VCP436358  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP436358	VCP395124	VCP406458	VCP406063
Sample Date	08 Feb 2024	30 Oct 2023	29 Aug 2023	22 Mar 2023
Machine Hours	6743	6234	5785	4695
Oil Hours	0	449	1090	968
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	130	130	130	132



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	7	2	1
Sodium	ppm	0	<1	0	<1
Potassium	ppm	<1	0	0	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	27	18	13	37
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	1	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	426	377	394	307
Magnesium	ppm	8	0	8	6
Zinc	ppm	145	143	133	115
Phosphorus	ppm	1236	982	1017	967
Barium	ppm	12	0	0	0
Boron	ppm	183	156	197	174

**Depot:** SCHGRE  
**Unique No:** 10876586  
**Signed:** Wes Davis  
**Report Date:** 15 Feb 2024



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## VOLVO GRAPHS

