



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352349 - REAR AXLE



**Sample No:** VCP452542  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP452542</b>	VCP436367	VCP396790	VCP406459
Sample Date	<b>10 Jun 2024</b>	08 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	<b>7523</b>	6743	6234	5785
Oil Hours	<b>780</b>	958	449	1090
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>124</b>	130	131	131
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	8	2
Sodium	ppm	<b>0</b>	11	<1	<1
Potassium	ppm	<b>2</b>	21	0	0

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>10</b>	24	52	11
Copper	ppm	<b>&lt;1</b>	<1	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	2	2	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	2	<1	0
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>529</b>	413	405	389
Magnesium	ppm	<b>15</b>	13	0	7
Zinc	ppm	<b>198</b>	151	146	126
Phosphorus	ppm	<b>943</b>	1222	1015	966
Barium	ppm	<b>0</b>	12	0	0
Boron	ppm	<b>160</b>	149	169	185

**Depot:** SCHGRE  
**Unique No:** 11127006  
**Signed:** Sean Felton  
**Report Date:** 18 Jul 2024



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## VOLVO GRAPHS

