



# CONSTRUCTION EQUIPMENT

## 2902 VOLVO A40G 352566 - REAR AXLE



**Sample No:** VCP401924  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** 2902



### SAMPLE INFORMATION

Sample Number	<b>VCP401924</b>	VCP404512	VCP386314	VCP359643
Sample Date	<b>13 Jul 2023</b>	27 Apr 2023	06 Mar 2023	09 Nov 2022
Machine Hours	<b>3940</b>	3468	3021	2366
Oil Hours	<b>532</b>	1042	655	1003
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>133</b>	140	137	131
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	<1	2	0
Potassium	ppm	<b>&lt;1</b>	0	0	1

### 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>18</b>	51	42	51
Copper	ppm	<b>&lt;1</b>	1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	2	2	2
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	3	2	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>388</b>	145	145	155
Magnesium	ppm	<b>9</b>	15	13	6
Zinc	ppm	<b>137</b>	59	65	72
Phosphorus	ppm	<b>939</b>	982	1046	1050
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>172</b>	165	198	175

**Depot:** SCHGRE  
**Unique No:** 10586827  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023



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## VOLVO GRAPHS

