



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352026 - DROP BOX



**Sample No:** VCP442550  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442550</b>	VCP395126	VCP385107	VCP357672
Sample Date	<b>15 Apr 2024</b>	30 Oct 2023	06 Dec 2022	18 Jul 2022
Machine Hours	<b>10378</b>	9458	7465	6516
Oil Hours	<b>920</b>	929	949	1053
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>128</b>	130	130	134
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	3	3	6
Sodium	ppm	<b>0</b>	<1	0	0
Potassium	ppm	<b>1</b>	0	1	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>171</b>	242	100	29
Copper	ppm	<b>2</b>	1	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>5</b>	6	5	7
Chromium	ppm	<b>3</b>	2	2	<1
Molybdenum	ppm	<b>6</b>	5	9	4
Nickel	ppm	<b>2</b>	2	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>547</b>	399	345	257
Magnesium	ppm	<b>18</b>	0	8	6
Zinc	ppm	<b>194</b>	158	136	123
Phosphorus	ppm	<b>1138</b>	996	997	989
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>201</b>	157	150	184

**Depot:** SCHGRE  
**Unique No:** 11009515  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024



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## GRAPHS

