



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341127 - DROP BOX



**Sample No:** VCP339691  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP339691</b>	VCP385144	VCP377236	VCP345565
Sample Date	<b>04 Dec 2023</b>	27 Apr 2023	06 Sep 2022	13 Apr 2022
Machine Hours	<b>13974</b>	12838	11781	10747
Oil Hours	<b>1136</b>	1057	1034	1108
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	135	133	133
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	1	2
Sodium	ppm	<b>0</b>	2	0	<1
Potassium	ppm	<b>&lt;1</b>	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	<b>195</b>	▲ 447	95	53
Copper	ppm	<b>0</b>	2	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>11</b>	4	3	2
Chromium	ppm	<b>2</b>	6	1	<1
Molybdenum	ppm	<b>1</b>	2	1	2
Nickel	ppm	<b>1</b>	4	0	1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	4	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>342</b>	126	173	215
Magnesium	ppm	<b>8</b>	10	6	16
Zinc	ppm	<b>121</b>	53	79	93
Phosphorus	ppm	<b>1060</b>	965	965	996
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>167</b>	153	151	175

**Depot:** SCHGRE  
**Unique No:** 10789049  
**Signed:** Don Baldrige  
**Report Date:** 17 Dec 2023



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## GRAPHS

