



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352351 - DROP BOX



**Sample No:** VCP406107  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP406107</b>	VCP362736	VCP337435	VCP334513
Sample Date	<b>24 Aug 2023</b>	06 Mar 2023	01 Sep 2022	29 Mar 2022
Machine Hours	<b>7188</b>	6020	4915	3737
Oil Hours	<b>1168</b>	1105	1178	1112
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	MARGINAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	136	130	111
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### CONTAMINATION

Silicon	ppm	<b>3</b>	4	3	11
Sodium	ppm	<b>0</b>	2	0	2
Potassium	ppm	<b>&lt;1</b>	0	<1	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>16</b>	28	31	91
Copper	ppm	<b>0</b>	<1	2	3
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	2
Molybdenum	ppm	<b>2</b>	4	4	12
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	▲ 12	<1
Manganese	ppm	<b>0</b>	<1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>142</b>	161	187	176
Magnesium	ppm	<b>14</b>	10	11	15
Zinc	ppm	<b>49</b>	71	100	98
Phosphorus	ppm	<b>1032</b>	1047	1045	1212
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>229</b>	184	167	180

**Depot:** SCHGRE  
**Unique No:** 10634522  
**Signed:** Wes Davis  
**Report Date:** 07 Sep 2023



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## VOLVO GRAPHS

