



# CONSTRUCTION EQUIPMENT

A10540 VOLVO A40G 342316 - DROP BOX



**Sample No:** VCP411874  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10540



## SAMPLE INFORMATION

Sample Number	<b>VCP411874</b>	VCP335549	VCP308752	---
Sample Date	<b>06 Jul 2023</b>	09 Sep 2021	20 Apr 2021	---
Machine Hours	<b>5600</b>	4315	0	---
Oil Hours	<b>1000</b>	4000	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>147</b>	105	104	---
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## CONTAMINATION

Silicon	ppm	<b>5</b>	25	10	---
Sodium	ppm	<b>0</b>	6	5	---
Potassium	ppm	<b>&lt;1</b>	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>33</b>	456	134	---
Copper	ppm	<b>1</b>	2	<1	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>2</b>	11	4	---
Chromium	ppm	<b>&lt;1</b>	6	2	---
Molybdenum	ppm	<b>3</b>	36	16	---
Nickel	ppm	<b>0</b>	2	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	8	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>53</b>	273	282	---
Magnesium	ppm	<b>&lt;1</b>	67	59	---
Zinc	ppm	<b>32</b>	134	128	---
Phosphorus	ppm	<b>1109</b>	953	897	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>180</b>	177	174	---

**Depot:** KCCIVY  
**Unique No:** 10560370  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2023



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## GRAPHS

