



# CONSTRUCTION EQUIPMENT

## A10935 VOLVO A40G 342450 - DROP BOX



**Sample No:** VCP424769  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10935



### SAMPLE INFORMATION

Sample Number	<b>VCP424769</b>	VCP305903	VCP294041	VCP282133
Sample Date	<b>24 Aug 2023</b>	06 Aug 2021	08 Jan 2021	13 Jul 2020
Machine Hours	<b>5915</b>	4110	3925	3834
Oil Hours	<b>2000</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>136</b>	99.2	98.9	48.8
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### CONTAMINATION

Silicon	ppm	<b>4</b>	9	8	<b>52</b>
Sodium	ppm	<b>&lt;1</b>	3	2	12
Potassium	ppm	<b>0</b>	4	4	2

### 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>77</b>	110	70	<b>561</b>
Copper	ppm	<b>&lt;1</b>	<1	<1	4
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>9</b>	10	5	22
Chromium	ppm	<b>2</b>	2	<1	6
Molybdenum	ppm	<b>8</b>	15	11	14
Nickel	ppm	<b>&lt;1</b>	<1	<1	4
Titanium	ppm	<b>0</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>2</b>	2	1	7
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>22</b>	148	139	47
Magnesium	ppm	<b>2</b>	15	16	2
Zinc	ppm	<b>8</b>	109	114	82
Phosphorus	ppm	<b>1015</b>	1079	1107	2130
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>220</b>	205	180	149

**Depot:** KCCIVY  
**Unique No:** 10649006  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023



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## GRAPHS

