



# CONSTRUCTION EQUIPMENT

W07013549 VOLVO A35G 342021 - DROP BOX



**Sample No:** VCP414584  
**Oil Type:** MOBIL 75W90  
**Job No:** W07013549



## SAMPLE INFORMATION

Sample Number	<b>VCP414584</b>	VCP391474	VCP358974	VCP245655
Sample Date	<b>10 Oct 2023</b>	23 May 2023	27 Mar 2023	10 Mar 2022
Machine Hours	<b>7675</b>	7314	7211	5549
Oil Hours	<b>500</b>	100	0	500
Oil Changed	<b>Changed</b>	Not Chngd	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>52.1</b>	51.6	47.9	47.4
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## CONTAMINATION

Silicon	ppm	<b>26</b>	32	93	13
Sodium	ppm	<b>1</b>	4	9	5
Potassium	ppm	<b>2</b>	<1	2	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>54</b>	119	656	154
Copper	ppm	<b>1</b>	<1	3	1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	2	18	9
Chromium	ppm	<b>&lt;1</b>	2	6	2
Molybdenum	ppm	<b>3</b>	4	17	5
Nickel	ppm	<b>&lt;1</b>	<1	3	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	9	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>9</b>	13	18	54
Magnesium	ppm	<b>2</b>	0	5	2
Zinc	ppm	<b>23</b>	11	86	75
Phosphorus	ppm	<b>2526</b>	2402	2130	2762
Barium	ppm	<b>9</b>	0	0	0
Boron	ppm	<b>272</b>	264	165	258

**Depot:** VOLVO8882  
**Unique No:** 10709568  
**Signed:** Sean Felton  
**Report Date:** 25 Oct 2023



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## GRAPHS

