



# CONSTRUCTION EQUIPMENT

SWO-065667 VOLVO A45G 352708 - DROP BOX



**Sample No:** VCP431108  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-065667



## SAMPLE INFORMATION

Sample Number	<b>VCP431108</b>	VCP424605	VCP398106	VCP369291
Sample Date	<b>11 Sep 2023</b>	06 Jul 2023	24 Mar 2023	08 Nov 2022
Machine Hours	<b>4418</b>	3920	3429	2956
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>196.5</b>	46.6	46.5	46.6
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## CONTAMINATION

Silicon	ppm	<b>17</b>	45	45	▲ 56
Sodium	ppm	<b>2</b>	8	9	7
Potassium	ppm	<b>0</b>	5	7	5



## WEAR METALS

Iron	ppm	<b>76</b>	243	255	210
Copper	ppm	<b>3</b>	15	15	17
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	2	<1	1
Chromium	ppm	<b>&lt;1</b>	2	3	2
Molybdenum	ppm	<b>9</b>	11	12	10
Nickel	ppm	<b>&lt;1</b>	2	1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	7	7	6
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>89</b>	41	47	58
Magnesium	ppm	<b>25</b>	6	8	5
Zinc	ppm	<b>85</b>	146	139	141
Phosphorus	ppm	<b>1448</b>	2184	2242	2297
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>186</b>	105	117	149

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

**Depot:** SAIBIR  
**Unique No:** 10647781  
**Signed:** Doug Bogart  
**Report Date:** 20 Sep 2023



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## GRAPHS

