



# CONSTRUCTION EQUIPMENT

SWO-071569 VOLVO A45G 353092 - BRAKE



**Sample No:** VCP452732  
**Oil Type:** {unknown}  
**Job No:** SWO-071569



## SAMPLE INFORMATION

Sample Number	<b>VCP452732</b>	VCP443287	VCP431099	VCP407508
Sample Date	<b>02 May 2024</b>	03 Jan 2024	19 Sep 2023	09 Jun 2023
Machine Hours	<b>3022</b>	2545	2012	1497
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>40.8</b>	43.6	40.7	40.7
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	▲ 0.291	NEG
Silicon	ppm	<b>19</b>	21	20	19
Sodium	ppm	<b>11</b>	4	10	11
Potassium	ppm	<b>&lt;1</b>	3	2	0



## WEAR METALS

Iron	ppm	<b>51</b>	35	32	32
Copper	ppm	<b>131</b>	148	111	73
Lead	ppm	<b>3</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>&lt;1</b>	2	3	0
Chromium	ppm	<b>1</b>	<1	<1	1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>6</b>	7	6	4
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	1	1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3551</b>	3628	3408	3674
Magnesium	ppm	<b>11</b>	8	7	9
Zinc	ppm	<b>1612</b>	1595	1508	1643
Phosphorus	ppm	<b>1375</b>	1253	1266	1355
Barium	ppm	<b>0</b>	8	0	0
Boron	ppm	<b>123</b>	117	116	121

## 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.

**Depot:** SAIBIR  
**Unique No:** 11020305  
**Signed:** Angela Borella  
**Report Date:** 13 May 2024



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## VOLVO GRAPHS

