



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 340099 - TANK BRAKE



**Sample No:** VCP413245

**Oil Type:** Brake

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP413245</b>	VCP395355	VCP383706	VCP366748
Sample Date	<b>18 Jul 2023</b>	27 Mar 2023	14 Oct 2022	26 Jul 2022
Machine Hours	<b>7491</b>	7019	6595	6024
Oil Hours	<b>0</b>	0	0	6024
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>46.8</b>	44.0	41.0	41.2
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### CONTAMINATION

Silicon	ppm	<b>25</b>	27	24	11
Sodium	ppm	<b>3</b>	5	3	0
Potassium	ppm	<b>0</b>	0	0	2



### WEAR METALS

Iron	ppm	<b>64</b>	84	73	32
Copper	ppm	<b>129</b>	▲ 168	▲ 207	93
Lead	ppm	<b>0</b>	2	▲ 53	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>4</b>	3	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	1	0
Molybdenum	ppm	<b>4</b>	2	1	<1
Nickel	ppm	<b>3</b>	4	5	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	2	<1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>3624</b>	3079	2998	1311
Magnesium	ppm	<b>35</b>	22	12	5
Zinc	ppm	<b>1421</b>	1191	1092	503
Phosphorus	ppm	<b>1211</b>	1097	1064	486
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>101</b>	70	61	34

### 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:** 10574622

**Signed:** Sean Felton

**Report Date:** 28 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

