



# CONSTRUCTION EQUIPMENT

## SWO-071394 VOLVO A60H 350187 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP452734  
**Oil Type:** {unknown}  
**Job No:** SWO-071394



### SAMPLE INFORMATION

Sample Number	<b>VCP452734</b>	VCP442658	VCP433456	VCP402251
Sample Date	<b>29 Apr 2024</b>	11 Jan 2024	06 Sep 2023	28 Feb 2023
Machine Hours	<b>3015</b>	2513	2021	1556
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>50.6</b>	49.6	49.2	49.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	2	2
Sodium	ppm	<b>0</b>	3	2	2
Potassium	ppm	<b>3</b>	<1	3	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>53</b>	104	57	97
Copper	ppm	<b>2</b>	<1	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>2</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	2	<1	2
Molybdenum	ppm	<b>1</b>	2	<1	2
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	7	3	7
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>327</b>	320	346	336
Magnesium	ppm	<b>2</b>	0	1	4
Zinc	ppm	<b>150</b>	146	159	140
Phosphorus	ppm	<b>2415</b>	2277	2442	2097
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>335</b>	262	285	277

**Depot:** SAIBIR  
**Unique No:** 11009470  
**Signed:** Don Baldrige  
**Report Date:** 07 May 2024



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## VOLVO GRAPHS

