



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 350 190 - FRONT AXLE



**Sample No:** VCP445487

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP445487</b>	VCP447579	VCP434745	VCP395366
Sample Date	<b>15 Apr 2024</b>	12 Dec 2023	05 Sep 2023	05 May 2023
Machine Hours	<b>3617</b>	3131	2618	2128
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**

4400 LEWISBURG RD

BIRMINGHAM, AL

US 35207

Contact: STEPHANI BRITTON

sbritton@saiia.com;doug.bogart@wearcheck.com

T: (205)943-2268

F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>48.8</b>	48.8	48.9	48.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	3	3
Sodium	ppm	<b>3</b>	2	2	2
Potassium	ppm	<b>4</b>	1	3	2

### 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>184</b>	106	172	182
Copper	ppm	<b>2</b>	<1	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	0	<1	0
Chromium	ppm	<b>3</b>	<1	2	3
Molybdenum	ppm	<b>2</b>	<1	<1	2
Nickel	ppm	<b>1</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>5</b>	3	5	5
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>332</b>	311	330	329
Magnesium	ppm	<b>2</b>	<1	2	<1
Zinc	ppm	<b>152</b>	148	146	149
Phosphorus	ppm	<b>2303</b>	2288	2331	2419
Barium	ppm	<b>1</b>	0	0	0
Boron	ppm	<b>281</b>	265	288	271

**Depot:** SAIBIR

**Unique No:** 11004038

**Signed:** Jonathan Hester

**Report Date:** 01 May 2024



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## VOLVO GRAPHS

