



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 350187 - FRONT AXLE



**Sample No:** VCP435401

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP435401</b>	VCP428998	VCP402164	VCP388248
Sample Date	<b>11 Jan 2024</b>	06 Sep 2023	28 Feb 2023	14 Oct 2022
Machine Hours	<b>2513</b>	2021	1556	1098
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	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>49.1</b>	49.6	50.4	49.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	2	3
Sodium	ppm	<b>3</b>	2	2	1
Potassium	ppm	<b>0</b>	3	0	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>105</b>	58	96	100
Copper	ppm	<b>4</b>	<1	<1	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>2</b>	<1	2	<1
Molybdenum	ppm	<b>2</b>	<1	2	2
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>7</b>	3	7	8
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>374</b>	346	333	325
Magnesium	ppm	<b>0</b>	1	4	0
Zinc	ppm	<b>159</b>	160	140	139
Phosphorus	ppm	<b>2240</b>	2464	2061	2146
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>255</b>	287	273	259

**Depot:** SAIBIR

**Unique No:** 10845471

**Signed:** Sean Felton

**Report Date:** 25 Jan 2024



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## GRAPHS

