



# CONSTRUCTION EQUIPMENT

SWO-063670 VOLVO A60 A60H 340126 - REAR AXLE



**Sample No:** VCP412983  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063670



## SAMPLE INFORMATION

Sample Number	<b>VCP412983</b>	VCP397708	VCP379714	VCP333137
Sample Date	<b>11 Jul 2023</b>	20 Jan 2023	19 Oct 2022	21 Jun 2022
Machine Hours	<b>8645</b>	7659	7148	6617
Oil Hours	<b>0</b>	0	0	6617
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	MARGINAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>184</b>	57.5	57.6	57.6
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## CONTAMINATION

Silicon	ppm	<b>3</b>	1	2	2
Sodium	ppm	<b>&lt;1</b>	5	1	4
Potassium	ppm	<b>&lt;1</b>	0	0	0



## WEAR METALS

Iron	ppm	<b>38</b>	70	68	63
Copper	ppm	<b>1</b>	2	2	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	1
Chromium	ppm	<b>&lt;1</b>	2	1	1
Molybdenum	ppm	<b>2</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>1</b>	2	2	1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>56</b>	25	26	33
Magnesium	ppm	<b>47</b>	<1	0	0
Zinc	ppm	<b>103</b>	15	11	15
Phosphorus	ppm	<b>1387</b>	2023	2114	2025
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>193</b>	274	267	253

## 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 oil viscosity is higher than normal. The condition of the oil is acceptable for the time in service.

**Depot:** SAIBIR  
**Unique No:** 10560340  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

