



# CONSTRUCTION EQUIPMENT

## SWO-069775 VOLVO A60H 350021 - FRONT AXLE



**Sample No:** VCP416343  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWO-069775



### SAMPLE INFORMATION

Sample Number	<b>VCP416343</b>	VCP427451	VCP408966	VCP401087
Sample Date	<b>15 Feb 2024</b>	25 Sep 2023	12 Jun 2023	03 Mar 2023
Machine Hours	<b>7887</b>	7398	6877	6375
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</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>338</b>	337	333	327
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	1	2
Sodium	ppm	<b>&lt;1</b>	0	0	0
Potassium	ppm	<b>&lt;1</b>	<1	<1	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>30</b>	15	14	10
Copper	ppm	<b>0</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	2	0	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	1	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>73</b>	76	99	77
Magnesium	ppm	<b>11</b>	9	9	7
Zinc	ppm	<b>62</b>	59	80	56
Phosphorus	ppm	<b>1056</b>	1178	1049	907
Barium	ppm	<b>0</b>	0	2	0
Boron	ppm	<b>161</b>	189	180	162

**Depot:** SAIBIR  
**Unique No:** 10900283  
**Signed:** Jonathan Hester  
**Report Date:** 29 Feb 2024



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## GRAPHS

