



# CONSTRUCTION EQUIPMENT

## SWO-071489 VOLVO A60H A60H 340 102 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP455472  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWO-071489



### SAMPLE INFORMATION

Sample Number	<b>VCP455472</b>	VCP446753	VCP432272	VCP414094
Sample Date	<b>25 Apr 2024</b>	01 Feb 2024	28 Sep 2023	11 Jul 2023
Machine Hours	<b>10205</b>	9767	9302	8821
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ATTENTION	ATTENTION

**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>263</b>	251	247	247
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### CONTAMINATION

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

### 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>17</b>	81	78	72
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	2	<1	<1
Chromium	ppm	<b>0</b>	<1	1	2
Molybdenum	ppm	<b>10</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	2	2
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>163</b>	93	73	77
Magnesium	ppm	<b>48</b>	10	6	6
Zinc	ppm	<b>122</b>	33	26	35
Phosphorus	ppm	<b>994</b>	920	1195	1195
Barium	ppm	<b>0</b>	5	0	0
Boron	ppm	<b>167</b>	197	260	197

**Depot:** SAIBIR  
**Unique No:** 11005564  
**Signed:** Jonathan Hester  
**Report Date:** 03 May 2024



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## VOLVO GRAPHS

