



# CONSTRUCTION EQUIPMENT

## SWO073151 VOLVO A60H 350021 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP443914  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWO073151



### SAMPLE INFORMATION

Sample Number	<b>VCP443914</b>	VCP444445	VCP427453	VCP408973
Sample Date	<b>26 Jun 2024</b>	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	<b>8427</b>	7887	7398	6877
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	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>272</b>	327	328	330
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	2	4
Sodium	ppm	<b>1</b>	<1	0	0
Potassium	ppm	<b>1</b>	<1	0	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>9</b>	34	16	15
Copper	ppm	<b>1</b>	0	0	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	2	<1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>10</b>	0	1	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>155</b>	77	78	78
Magnesium	ppm	<b>50</b>	11	10	10
Zinc	ppm	<b>134</b>	65	58	73
Phosphorus	ppm	<b>1089</b>	1087	1140	1062
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>161</b>	164	184	183

**Depot:** SAIBIR  
**Unique No:** 11114015  
**Signed:** Don Baldrige  
**Report Date:** 10 Jul 2024



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## VOLVO GRAPHS

