



# CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - DROP BOX



**Sample No:** VCP453690  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWO-071761



## SAMPLE INFORMATION

Sample Number	<b>VCP453690</b>	VCP431546	VCP431980	VCP369462
Sample Date	<b>15 May 2024</b>	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	<b>9054</b>	8489	7982	7491
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

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## OIL CONDITION

Visc @ 40°C	cSt	<b>293</b>	293	284	291
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	14	14	13
Sodium	ppm	<b>6</b>	6	6	4
Potassium	ppm	<b>3</b>	2	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>33</b>	68	24	19
Copper	ppm	<b>4</b>	2	3	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>0</b>	0	0	0
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>6</b>	5	5	6
Nickel	ppm	<b>0</b>	<1	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>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>155</b>	81	87	100
Magnesium	ppm	<b>25</b>	29	41	33
Zinc	ppm	<b>91</b>	66	60	75
Phosphorus	ppm	<b>1087</b>	869	963	1085
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>157</b>	134	136	169

**Depot:** SAIBIR  
**Unique No:** 11036094  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## VOLVO GRAPHS

