



# CONSTRUCTION EQUIPMENT

702884 APTIM VOLVO A30G 740273 - DROP BOX



**Sample No:** VCP444769  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 702884 APTIM



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## SAMPLE INFORMATION

Sample Number	<b>VCP444769</b>	VCP417655	VCP364493	---
Sample Date	<b>25 Apr 2024</b>	22 Aug 2023	01 Sep 2022	---
Machine Hours	<b>11987</b>	11091	10152	---
Oil Hours	<b>3000</b>	4000	2000	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>ATTENTION</b>	ATTENTION	ATTENTION	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>58.7</b>	58.8	59.3	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>31</b>	36	38	---
Sodium	ppm	<b>4</b>	2	1	---
Potassium	ppm	<b>2</b>	0	2	---



## WEAR METALS

Iron	ppm	<b>66</b>	82	57	---
Copper	ppm	<b>1</b>	1	2	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	<1	0	---
Aluminum	ppm	<b>20</b>	23	16	---
Chromium	ppm	<b>1</b>	<1	<1	---
Molybdenum	ppm	<b>3</b>	2	2	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	3	2	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>27</b>	16	15	---
Magnesium	ppm	<b>27</b>	25	29	---
Zinc	ppm	<b>22</b>	6	14	---
Phosphorus	ppm	<b>1451</b>	1387	1566	---
Barium	ppm	<b>0</b>	0	2	---
Boron	ppm	<b>167</b>	187	203	---

## 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 oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0093  
**Unique No:** 11057897  
**Signed:** Don Baldrige  
**Report Date:** 01 Jun 2024



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## GRAPHS

