



# CONSTRUCTION EQUIPMENT

688083 VOLVO A30G 753001 - FRONT AXLE



**Sample No:** VCP438357  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 688083



## SAMPLE INFORMATION

Sample Number	<b>VCP438357</b>	VCP446891	VCP432030	VCP415549
Sample Date	<b>14 Mar 2024</b>	14 Feb 2024	12 Dec 2023	18 Jul 2023
Machine Hours	<b>2475</b>	2293	1980	999
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	<b>305</b>	297	294	221
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T: (772)461-3020  
 F:



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	1	<1	2
Sodium	ppm	<b>0</b>	0	<1	<1
Potassium	ppm	<b>2</b>	0	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>67</b>	68	72	112
Copper	ppm	<b>3</b>	2	3	3
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	0	0	<1
Chromium	ppm	<b>1</b>	<1	<1	2
Molybdenum	ppm	<b>1</b>	<1	<1	4
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	1	4
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>53</b>	122	129	246
Magnesium	ppm	<b>3</b>	<1	0	12
Zinc	ppm	<b>22</b>	53	47	111
Phosphorus	ppm	<b>951</b>	1018	1106	1208
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>167</b>	175	184	203

**Depot:** BLUFOR  
**Unique No:** 10936890  
**Signed:** Wes Davis  
**Report Date:** 20 Mar 2024



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## VOLVO GRAPHS

