



# CONSTRUCTION EQUIPMENT

## 61239 VOLVO A25G 740358 - REAR AXLE



**Sample No:** VCP454344  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 61239



### SAMPLE INFORMATION

Sample Number	<b>VCP454344</b>	VCP421089	VCP353505	VCP337761
Sample Date	<b>23 Feb 2024</b>	31 Mar 2023	10 Jun 2022	31 May 2022
Machine Hours	<b>10241</b>	9085	8321	7505
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

**WLW CONSTRUCTION**  
 PO BOX 377  
 MT DORA, FL  
 US 32756-0377  
 Contact: ELAINE STULTZ  
 elaine@wlwconstruction.com  
 T: (352)383-7305  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>266</b>	274	274	280
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	0	0	<1
Potassium	ppm	<b>0</b>	0	1	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>152</b>	90	87	65
Copper	ppm	<b>14</b>	10	8	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	0
Chromium	ppm	<b>2</b>	1	1	<1
Molybdenum	ppm	<b>1</b>	2	2	3
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	2	2	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>163</b>	143	135	128
Magnesium	ppm	<b>10</b>	12	8	13
Zinc	ppm	<b>81</b>	72	72	74
Phosphorus	ppm	<b>1028</b>	1039	1020	918
Barium	ppm	<b>0</b>	<1	2	0
Boron	ppm	<b>140</b>	159	191	169

**Depot:** WLWMOU  
**Unique No:** 10903723  
**Signed:** Wes Davis  
**Report Date:** 02 Mar 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

