



# CONSTRUCTION EQUIPMENT

593964 C&C ALJON 600 30126 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP412277  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 593964 C&C



## SAMPLE INFORMATION

Sample Number	<b>VCP412277</b>	VCP413202	VCP347171	VCP399703
Sample Date	<b>09 Aug 2023</b>	14 Jun 2023	16 May 2023	01 Mar 2023
Machine Hours	<b>3146</b>	2756	2553	2104
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>273</b>	275	274	279
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## CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	<1
Sodium	ppm	<b>0</b>	<1	<1	0
Potassium	ppm	<b>&lt;1</b>	0	<1	<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>310</b>	228	177	86
Copper	ppm	<b>7</b>	7	6	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	0	0	0
Chromium	ppm	<b>3</b>	3	2	0
Molybdenum	ppm	<b>5</b>	6	6	4
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	2	2	0
Vanadium	ppm	<b>0</b>	<1	0	0



## ADDITIVES

Calcium	ppm	<b>92</b>	97	99	122
Magnesium	ppm	<b>37</b>	26	26	26
Zinc	ppm	<b>71</b>	66	60	76
Phosphorus	ppm	<b>1011</b>	1052	1006	983
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>124</b>	173	164	197

**Depot:** VOLVO0096  
**Unique No:** 10605054  
**Signed:** Wes Davis  
**Report Date:** 16 Aug 2023



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## GRAPHS

