



# CONSTRUCTION EQUIPMENT

## 593950 C&C ALJON 600 30124 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP425281  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 593950 C&C



### SAMPLE INFORMATION

Sample Number	<b>VCP425281</b>	VCP427134	VCP398668	VCP398684
Sample Date	<b>10 Aug 2023</b>	14 Jun 2023	19 Apr 2023	15 Feb 2023
Machine Hours	<b>3205</b>	2952	2673	2232
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

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



### OIL CONDITION

Visc @ 40°C	cSt	<b>275</b>	279	280	282
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Silicon	ppm	<b>3</b>	3	2	2
Sodium	ppm	<b>0</b>	<1	<1	<1
Potassium	ppm	<b>&lt;1</b>	0	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>120</b>	118	90	53
Copper	ppm	<b>4</b>	4	3	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>1</b>	1	1	<1
Molybdenum	ppm	<b>5</b>	6	5	5
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>95</b>	100	94	93
Magnesium	ppm	<b>21</b>	25	27	25
Zinc	ppm	<b>58</b>	63	63	58
Phosphorus	ppm	<b>1016</b>	1063	981	892
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>167</b>	194	186	200

**Depot:** VOLVO0096  
**Unique No:** 10605069  
**Signed:** Wes Davis  
**Report Date:** 16 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

