



# CONSTRUCTION EQUIPMENT

593964 C&C ALJON 600 30126 - GEARBOX



**Sample No:** VCP412425  
**Oil Type:** SHELL MORLINA OIL 150  
**Job No:** 593964 C&C



## SAMPLE INFORMATION

Sample Number	<b>VCP412425</b>	VCP412954	VCP399707	---
Sample Date	<b>09 Aug 2023</b>	14 Jun 2023	01 Mar 2023	---
Machine Hours	<b>3140</b>	2756	2104	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>152</b>	152	150	---
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## CONTAMINATION

Silicon	ppm	<b>12</b>	9	4	---
Sodium	ppm	<b>0</b>	0	0	---
Potassium	ppm	<b>0</b>	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>3</b>	3	0	---
Copper	ppm	<b>0</b>	0	0	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	0	0	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	<1	0	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>5</b>	0	4	---
Magnesium	ppm	<b>1</b>	0	0	---
Zinc	ppm	<b>11</b>	<1	6	---
Phosphorus	ppm	<b>284</b>	325	280	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>0</b>	1	0	---

**Depot:** VOLVO0096  
**Unique No:** 10608428  
**Signed:** Wes Davis  
**Report Date:** 21 Aug 2023



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## GRAPHS

