



# CONSTRUCTION EQUIPMENT

554891 ALTA RENTS TAKEUCHI TL10 410006539 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP411577  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 554891 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	<b>VCP411577</b>	VCP421086	---	---
Sample Date	<b>31 May 2023</b>	21 Mar 2023	---	---
Machine Hours	<b>437</b>	169	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Changed</b>	Not Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>157</b>	155	---	---
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## CONTAMINATION

Silicon	ppm	<b>36</b>	34	---	---
Sodium	ppm	<b>2</b>	3	---	---
Potassium	ppm	<b>1</b>	<1	---	---



## WEAR METALS

Iron	ppm	<b>917</b>	679	---	---
Copper	ppm	<b>2</b>	2	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>1</b>	2	---	---
Chromium	ppm	<b>12</b>	8	---	---
Molybdenum	ppm	<b>&lt;1</b>	<1	---	---
Nickel	ppm	<b>1</b>	<1	---	---
Titanium	ppm	<b>1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>9</b>	8	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>164</b>	12	---	---
Magnesium	ppm	<b>&lt;1</b>	0	---	---
Zinc	ppm	<b>85</b>	45	---	---
Phosphorus	ppm	<b>254</b>	280	---	---
Barium	ppm	<b>0</b>	16	---	---
Boron	ppm	<b>4</b>	0	---	---

## Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0096  
**Unique No:** 10499199  
**Signed:** Sean Felton  
**Report Date:** 07 Jun 2023



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## VOLVO GRAPHS

