



# CONSTRUCTION EQUIPMENT

621895 ALTA RENTS TAKEUCHI TL6 406003097 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP430608  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 621895 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	VCP430608	VCP370650	---	---
Sample Date	30 Oct 2023	12 Dec 2022	---	---
Machine Hours	472	206	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 143	█ 162	---	---
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## CONTAMINATION

Silicon	ppm	█ 17	█ 34	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 1	█ 4	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. 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	▲ 864	▲ 963	---	---
Copper	ppm	█ <1	█ 2	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 3	---	---
Chromium	ppm	█ 4	█ 8	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ <1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	2	---	---
Manganese	ppm	█ 7	10	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	█ 13	24	---	---
Magnesium	ppm	█ 0	2	---	---
Zinc	ppm	█ 39	60	---	---
Phosphorus	ppm	█ 799	246	---	---
Barium	ppm	█ 4	12	---	---
Boron	ppm	█ 133	0	---	---

**Depot:** VOLVO0096  
**Unique No:** 10725301  
**Signed:** Sean Felton  
**Report Date:** 03 Nov 2023



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## GRAPHS

