



# CONSTRUCTION EQUIPMENT

67829 AK GRADING TAKEUCHI TL8 408004728 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP429521  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 67829 AK GRADING



## SAMPLE INFORMATION

Sample Number	VCP429521	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	108	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### COWIN EQUIPMENT - ATLANTA

5710 RIVERVIEW RD  
MABLETON, GA  
US 30126

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## OIL CONDITION

Visc @ 40°C	cSt	█ 160	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 6	---	---	---

### 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	▲ 632	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 270	---	---	---
Barium	ppm	█ 17	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** COWMAB  
**Unique No:** 10765298  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023



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## VOLVO GRAPHS

