



# CONSTRUCTION EQUIPMENT

301300-20 JHS BUILD TAKEUCHI TB235 123600202 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP420606  
**Oil Type:** NOT GIVEN  
**Job No:** 301300-20 JHS BUILD



## SAMPLE INFORMATION

Sample Number	VCP420606	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	2419	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT COMPANY**  
5151 DR MARTIN LUTHER KING BLVD  
FORT MYERS, FL  
US 33905  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 1315	---	---	---
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## CONTAMINATION

Water	%	▲ 0.301	---	---	---
Silicon	ppm	◆ 2451	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 8	---	---	---



## WEAR METALS

Iron	ppm	◆ 10000	---	---	---
Copper	ppm	█ 43	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	▲ 107	---	---	---
Chromium	ppm	◆ 116	---	---	---
Molybdenum	ppm	13	---	---	---
Nickel	ppm	◆ 35	---	---	---
Titanium	ppm	8	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	85	---	---	---
Vanadium	ppm	1	---	---	---



## ADDITIVES

Calcium	ppm	716	---	---	---
Magnesium	ppm	37	---	---	---
Zinc	ppm	83	---	---	---
Phosphorus	ppm	791	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	128	---	---	---

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Gear wear is indicated. There is a light concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO0090  
**Unique No:** 10578261  
**Signed:** Don Baldrige  
**Report Date:** 01 Aug 2023



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## GRAPHS

