



CONSTRUCTION EQUIPMENT

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



Sample No: VCP415848
Oil Type: NOT GIVEN
Job No: 301300-20 JHS BUILD



SAMPLE INFORMATION

Sample Number	VCP415848	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	2419	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 554	---	---	---
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CONTAMINATION

Silicon	ppm	● 631	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

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. 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.



WEAR METALS

Iron	ppm	● 4802	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 28	---	---	---
Chromium	ppm	● 58	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	■ 13	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	42	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	275	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	86	---	---	---
Phosphorus	ppm	859	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	124	---	---	---

Depot: VOLVO0090
Unique No: 10578260
Signed: Don Baldrige
Report Date: 01 Aug 2023



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VOLVO GRAPHS

