

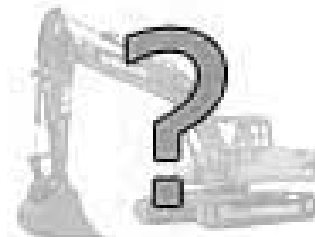


CONSTRUCTION EQUIPMENT

TAKEUCHI TB235 123601955 - REAR LEFT FINAL DRIVE



Sample No: VCP454377
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP454377	---	---	---
Sample Date	08 Jul 2024	---	---	---
Machine Hours	1610	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	■ 241	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 285	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

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. Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	▲ 2149	---	---	---
Copper	ppm	■ 8	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 10	---	---	---
Chromium	ppm	▲ 26	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 18	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 363	---	---	---
Magnesium	ppm	■ 49	---	---	---
Zinc	ppm	■ 178	---	---	---
Phosphorus	ppm	■ 1034	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 122	---	---	---

Depot: VOLVO0090
Unique No: 11125325
Signed: Sean Felton
Report Date: 17 Jul 2024



CONSTRUCTION EQUIPMENT



GRAPHS

