



CONSTRUCTION EQUIPMENT

W07014066 TAKEUCHI TL8 200801321 - REAR RIGHT FINAL DRIVE



Sample No: VCP414792
Oil Type: GEAR OIL SAE 80W90
Job No: W07014066



SAMPLE INFORMATION

Sample Number	VCP414792	---	---	---
Sample Date	20 Jan 2024	---	---	---
Machine Hours	2042	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFF
KRATLIFF@MCCLUNG-LOGAN.COM
T:
F: (804)266-1611

OIL CONDITION

Visc @ 40°C	cSt	■ 203	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 545	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 23	---	---	---

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. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

WEAR METALS

Iron	ppm	● 4978	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	▲ 89	---	---	---
Chromium	ppm	● 41	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	▲ 15	---	---	---
Titanium	ppm	9	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 48	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 43	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 74	---	---	---
Phosphorus	ppm	■ 229	---	---	---
Barium	ppm	■ 12	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: VOLVO8882
Unique No: 10846797
Signed: Sean Felton
Report Date: 26 Jan 2024



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VOLVO GRAPHS

