



# CONSTRUCTION EQUIPMENT

13455 TAKEUCHI TL12-V2 412003865 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP414558  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** 13455



## SAMPLE INFORMATION

Sample Number	VCP414558	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	1200	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**McClung-Logan Virginia LLC- RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
 Contact: KYLE RATLIFFE  
 KRATLIFFE@MCCLUNG-LOGAN.COM  
 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 249	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	▲ 1530	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 15	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 13	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 64	---	---	---
Phosphorus	ppm	505	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 15	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. 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.

**Depot:** VOLVO8882  
**Unique No:** 10661400  
**Signed:** Don Baldridge  
**Report Date:** 26 Sep 2023

**VOLVO** **GRAPHS**

