



CONSTRUCTION EQUIPMENT

W07013747-1 GIV HOPE TAKEUCHI TB240 124005826 - REAR LEFT FINAL DRIVE



Sample No: VCP412039
Oil Type: GEAR OIL SAE 75W90
Job No: W07013747-1 GIV HOPE



SAMPLE INFORMATION

Sample Number	VCP412039	VCP358928	---	---
Sample Date	02 Nov 2023	18 Aug 2022	---	---
Machine Hours	465	234	---	---
Oil Hours	466	234	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 99.9	■ 92.9	---	---
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CONTAMINATION

Silicon	ppm	■ 5	■ 8	---	---
Sodium	ppm	■ <1	■ 4	---	---
Potassium	ppm	■ 0	■ 0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 51	■ 75	---	---
Copper	ppm	■ 0	■ 4	---	---
Lead	ppm	■ 0	■ <1	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 0	■ 2	---	---
Chromium	ppm	■ <1	■ 2	---	---
Molybdenum	ppm	■ 0	17	---	---
Nickel	ppm	■ 0	<1	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ <1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 338	3924	---	---
Magnesium	ppm	■ 2	13	---	---
Zinc	ppm	■ 113	727	---	---
Phosphorus	ppm	■ 866	584	---	---
Barium	ppm	■ <1	16	---	---
Boron	ppm	■ 147	21	---	---

Depot: VOLVO8882
Unique No: 10735598
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

