



CONSTRUCTION EQUIPMENT

SWA425860 TAKEUCHI TL12R2 412101972 - REAR LEFT FINAL DRIVE



Sample No: VCP436154
Oil Type: GEAR OIL SAE 85W140
Job No: SWA425860



SAMPLE INFORMATION

Sample Number	VCP436154	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	1840	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 132	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 47	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	▲ 915	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 9	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 126	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 53	---	---	---
Phosphorus	ppm	683	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 120	---	---	---

Depot: VOLVO0090
Unique No: 10796049
Signed: Jonathan Hester
Report Date: 22 Dec 2023



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VOLVO GRAPHS

