



CONSTRUCTION EQUIPMENT

GRADALL 410000569 - TRANSMISSION (AUTO)



Sample No: VCP420570

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP420570	---	---	---
Sample Date	19 Jul 2023	---	---	---
Machine Hours	5066	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

CITY OF CHARLOTTE

9151 CAMERON BLVD

CHARLOTTE, NC

US 28223

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	■ 37.9	---	---	---
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T:

F:



CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal.

Moderate concentration of visible metal present. Torque converter wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 100	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	▲ 54	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	32	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 8	---	---	---
Phosphorus	ppm	■ 312	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 115	---	---	---

Depot: CITHAVCP

Unique No: 10564898

Signed: Jonathan Hester

Report Date: 24 Jul 2023



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VOLVO GRAPHS

