



CONSTRUCTION EQUIPMENT

8000376845 TOYOTA GU30 3034831 - TRANSMISSION (AUTO)



Sample No: VCP394756

Oil Type: NOT GIVEN

Job No: 8000376845



SAMPLE INFORMATION

Sample Number	VCP394756	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	6517	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 29.0	---	---	---
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CONTAMINATION

Water	%	■ 0.035	---	---	---
Silicon	ppm	▲ 31	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 46	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 8	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	76	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	57	---	---	---
Phosphorus	ppm	236	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	68	---	---	---



STRONGCO EQUIP (AB)

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 RED DEER COUNTY, AB
 CA T4S 2L4
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Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is Mineral ATF. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample. Aluminum ppm levels are noted. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The water content is negligible. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO9652
 Unique No: 5646676
 Signed: Kevin Marson
 Report Date: 28 Sep 2023



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GRAPHS

