



CONSTRUCTION EQUIPMENT

036 CRH HALLET VOLVO A40G 752 102 - TRANSMISSION (AUTO)



Sample No: VCP409929
Oil Type: VOLVO AT 102
Job No: 036 CRH HALLET



SAMPLE INFORMATION

Sample Number	VCP409929	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	107	---	---	---
Oil Hours	107	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

HOUSBY HEAVY EQUIPMENT

PO BOX 1846
CEDAR RAPIDS, IA
US 52406
Contact: JUSTIN JOHNSON
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 30.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 33	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 36	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 7	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 81	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 181	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 88	---	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0074
Unique No: 10749090
Signed: Don Baldrige
Report Date: 20 Nov 2023



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GRAPHS

