



CONSTRUCTION EQUIPMENT

9396 VOLVO A25G 742359 - TRANSMISSION (AUTO)



Sample No: VCP423117
Oil Type: VOLVO AT 102
Job No: 9396



SAMPLE INFORMATION

Sample Number	VCP423117	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	2042	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 29.7	---	---	---
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CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis
 Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 35	---	---	---
Copper	ppm	█ 27	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 7	---	---	---
Aluminum	ppm	█ 28	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 154	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 258	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 80	---	---	---

Depot: RELMIL
Unique No: 10586869
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

