



CONSTRUCTION EQUIPMENT

W364006713 VOLVO A40D 12815 - TRANSMISSION (AUTO)



Sample No: VCP422929
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W364006713



SAMPLE INFORMATION

Sample Number	VCP422929	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	14914	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 phillip.carver@ascendummachinery.com
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OIL CONDITION

Visc @ 40°C	cSt	█ 25.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. Clutch disc wear or oil cooler leaching 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	█ 57	---	---	---
Copper	ppm	▲ 339	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 14	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 114	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ <1	---	---	---
Phosphorus	ppm	█ 179	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 80	---	---	---

Depot: ASCMAC
Unique No: 10789117
Signed: Jonathan Hester
Report Date: 18 Dec 2023



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VOLVO GRAPHS

