



CONSTRUCTION EQUIPMENT

W07014012 CT PERCOLL VOLVO A40F 11629 - TRANSMISSION (AUTO)



Sample No: VCP409432
Oil Type: VOLVO AT 102
Job No: W07014012 CT PERCOLL



SAMPLE INFORMATION

Sample Number	VCP409432	VCP245644	VCP209971	---
Sample Date	02 Jan 2024	23 Oct 2019	26 Jun 2017	---
Machine Hours	8499	6140	4568	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	SEVERE	NORMAL	NORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
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OIL CONDITION

Visc @ 40°C	cSt	26.2	26.4	27.15	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	4	4	---
Sodium	ppm	2	5	5	---
Potassium	ppm	2	0	3	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	43	16	33	---
Copper	ppm	605	268	558	---
Lead	ppm	1	0	0	---
Tin	ppm	31	12	30	---
Aluminum	ppm	26	12	19	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	2	<1	1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	84	77	111	---
Magnesium	ppm	1	<1	<1	---
Zinc	ppm	0	10	6	---
Phosphorus	ppm	172	156	255	---
Barium	ppm	0	<1	<1	---
Boron	ppm	66	75	97	---

Depot: VOLVO8882
Unique No: 10821057
Signed: Jonathan Hester
Report Date: 10 Jan 2024



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GRAPHS

