



CONSTRUCTION EQUIPMENT

617675 ALTA RENTS VOLVO L70H 624454 - TRANSMISSION



Sample No: VCP449916
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 617675 ALTA RENTS



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SAMPLE INFORMATION

Sample Number	VCP449916	VCP435630	VCP419343	---
Sample Date	20 May 2024	20 Dec 2023	23 May 2023	---
Machine Hours	4170	3446	2683	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	32.9	32.84	32.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	4	38	---
Sodium	ppm	6	2	5	---
Potassium	ppm	0	2	3	---



WEAR METALS

Iron	ppm	220	0	213	---
Copper	ppm	158	2	130	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	0	10	---
Chromium	ppm	<1	0	1	---
Molybdenum	ppm	3	0	1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	0	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	69	0	71	---
Magnesium	ppm	7	0	7	---
Zinc	ppm	135	0	130	---
Phosphorus	ppm	220	303	203	---
Barium	ppm	2	0	0	---
Boron	ppm	32	0	26	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11047596
Signed: Sean Felton
Report Date: 29 May 2024



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GRAPHS

