



CONSTRUCTION EQUIPMENT

SPM717176 RENTALS VOLVO L70H 624047 - TRANSMISSION (AUTO)



Sample No: VCP438599
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM717176 RENTALS



SAMPLE INFORMATION

Sample Number	VCP438599	VCP427005	VCP425298	---
Sample Date	29 May 2024	03 Apr 2024	19 Oct 2023	---
Machine Hours	3021	2822	1920	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.4	27.7	26.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	11	11	---
Sodium	ppm	4	5	4	---
Potassium	ppm	3	4	2	---



WEAR METALS

Iron	ppm	221	209	195	---
Copper	ppm	7	7	6	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	3	2	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	11	11	11	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	147	148	123	---
Magnesium	ppm	37	33	28	---
Zinc	ppm	94	90	51	---
Phosphorus	ppm	237	219	187	---
Barium	ppm	2	0	<1	---
Boron	ppm	53	50	51	---

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. 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: VOLVO8885
Unique No: 11085078
Signed: Don Baldrige
Report Date: 19 Jun 2024



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VOLVO GRAPHS

