



CONSTRUCTION EQUIPMENT

VOLVO L70H 624288 - TRANSMISSION (AUTO)



Sample No: VCP437540
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP437540	VCP417037	VCP355076	---
Sample Date	24 Jun 2024	16 Aug 2023	20 Jun 2022	---
Machine Hours	3537	2287	925	---
Oil Hours	0	0	925	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	30.4	27.4	27.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	11	13	---
Sodium	ppm	<1	9	4	---
Potassium	ppm	1	3	3	---



WEAR METALS

Iron	ppm	4	▲ 164	122	---
Copper	ppm	<1	10	8	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	6	2	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	12	11	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	66	82	96	---
Magnesium	ppm	0	0	3	---
Zinc	ppm	6	18	47	---
Phosphorus	ppm	199	195	224	---
Barium	ppm	0	0	0	---
Boron	ppm	88	54	63	---

Diagnosis

Resample at the next service interval to monitor. All 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: 11099932
Signed: Don Baldrige
Report Date: 28 Jun 2024



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GRAPHS

