



CONSTRUCTION EQUIPMENT

VOLVO L70H 624874 - TRANSMISSION (AUTO)



Sample No: VCP437592
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP437592	VCP376063	---	---
Sample Date	26 Feb 2024	27 Sep 2023	---	---
Machine Hours	2592	2008	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	32.6	29.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	11	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	1	3	---	---

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.



WEAR METALS

Iron	ppm	▲ 181	▲ 211	---	---
Copper	ppm	6	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	164	148	---	---
Magnesium	ppm	30	30	---	---
Zinc	ppm	84	93	---	---
Phosphorus	ppm	244	237	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	58	68	---	---

Depot: VOLVO0090
Unique No: 10903871
Signed: Don Baldrige
Report Date: 04 Mar 2024



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GRAPHS

