



CONSTRUCTION EQUIPMENT

SPM567369 HERC VOLVO L90H 624951 - TRANSMISSION (AUTO)



Sample No: VCP427050
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM567369 HERC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP427050	VCP359979	---	---
Sample Date	22 Jun 2023	10 May 2022	---	---
Machine Hours	2146	1535	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	28.2	27.5	---	---
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CONTAMINATION

Silicon	ppm	9	13	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	4	3	---	---



WEAR METALS

Iron	ppm	52	116	---	---
Copper	ppm	4	8	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	82	86	---	---
Magnesium	ppm	6	2	---	---
Zinc	ppm	36	84	---	---
Phosphorus	ppm	190	179	---	---
Barium	ppm	0	0	---	---
Boron	ppm	62	42	---	---

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: 10535235
Signed: Wes Davis
Report Date: 30 Jun 2023



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GRAPHS

