



CONSTRUCTION EQUIPMENT

SWA247714 VOLVO L180H 5307 - TRANSMISSION (AUTO)



Sample No: VCP425041
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA247714



SAMPLE INFORMATION

Sample Number	VCP425041	VCP367716	VCP354159	VCP356681
Sample Date	06 May 2023	05 Dec 2022	24 Jun 2022	06 Apr 2022
Machine Hours	6869	6547	5245	4671
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	27.5	28.9	28.1	29.1
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CONTAMINATION

Silicon	ppm	4	4	6	2
Sodium	ppm	1	2	<1	<1
Potassium	ppm	3	0	1	0



WEAR METALS

Iron	ppm	23	23	14	1
Copper	ppm	4	5	2	0
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	78	87	87
Magnesium	ppm	0	<1	2	0
Zinc	ppm	0	6	4	4
Phosphorus	ppm	208	187	280	214
Barium	ppm	0	0	0	0
Boron	ppm	75	92	97	98

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLV00142
Unique No: 10493225
Signed: Don Baldrige
Report Date: 30 May 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

