



CONSTRUCTION EQUIPMENT

SPM620695 VOLVO L150G 23527 - TRANSMISSION (AUTO)



Sample No: VCP425299
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM620695



SAMPLE INFORMATION

Sample Number	VCP425299	VCP410623	VCP366842	VCP325814
Sample Date	12 Oct 2023	03 May 2023	02 Aug 2022	07 Feb 2022
Machine Hours	23813	23336	21794	20750
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
 ryan.wise@simsmm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	29.3	29.1	28.1	28.2
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CONTAMINATION

Silicon	ppm	8	7	8	8
Sodium	ppm	3	1	1	<1
Potassium	ppm	2	1	2	<1

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.



WEAR METALS

Iron	ppm	31	28	29	20
Copper	ppm	10	10	4	4
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	<1	2	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	67	69	73	71
Magnesium	ppm	14	3	5	0
Zinc	ppm	42	46	16	2
Phosphorus	ppm	200	195	189	207
Barium	ppm	<1	0	3	0
Boron	ppm	71	75	79	84

Depot: SIMCHIL
Unique No: 10713449
Signed: Wes Davis
Report Date: 27 Oct 2023



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GRAPHS

