



CONSTRUCTION EQUIPMENT

SPM620300 VOLVO L150H 6952 - TRANSMISSION (AUTO)



Sample No: VCP415347
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM620300



SAMPLE INFORMATION

Sample Number	VCP415347	VCP415446	VCP420678	VCP422179
Sample Date	12 Oct 2023	25 Aug 2023	19 Jul 2023	01 Jun 2023
Machine Hours	11878	11277	10311	10051
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608

Contact: RYAN WISE
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.7	28.7	28.9	30.3
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CONTAMINATION

Silicon	ppm	3	3	2	2
Sodium	ppm	3	5	3	2
Potassium	ppm	2	1	3	2



WEAR METALS

Iron	ppm	35	33	25	28
Copper	ppm	▲ 158	▲ 157	112	101
Lead	ppm	<1	0	1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	1	0	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	2	2	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	232	266	207	256
Magnesium	ppm	36	35	25	27
Zinc	ppm	100	115	97	110
Phosphorus	ppm	235	265	225	257
Barium	ppm	0	0	0	0
Boron	ppm	67	71	64	75

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. 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.

Depot: SIMCHIL
Unique No: 10713445
Signed: Sean Felton
Report Date: 30 Oct 2023



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GRAPHS

