



CONSTRUCTION EQUIPMENT

SPM595387 VOLVO L150H 6952 - TRANSMISSION (AUTO)



Sample No: VCP415446
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM595387



SAMPLE INFORMATION

Sample Number	VCP415446	VCP420678	VCP422179	VCP387073
Sample Date	25 Aug 2023	19 Jul 2023	01 Jun 2023	23 Nov 2022
Machine Hours	11277	10311	10051	8396
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	28.7	28.9	30.3	29.1
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CONTAMINATION

Silicon	ppm	3	2	2	3
Sodium	ppm	5	3	2	0
Potassium	ppm	1	3	2	2



WEAR METALS

Iron	ppm	33	25	28	23
Copper	ppm	157	112	101	17
Lead	ppm	0	1	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	0	2	2
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	2	2	2	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	266	207	256	250
Magnesium	ppm	35	25	27	27
Zinc	ppm	115	97	110	115
Phosphorus	ppm	265	225	257	247
Barium	ppm	0	0	0	2
Boron	ppm	71	64	75	74

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: 10634561
Signed: Don Baldrige
Report Date: 08 Sep 2023



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GRAPHS

