



CONSTRUCTION EQUIPMENT

SPM566281 VOLVO L150H 6938 - TRANSMISSION (AUTO)



Sample No: VCP423134
Oil Type: VOLVO AT 102
Job No: SPM566281



SAMPLE INFORMATION

Sample Number	VCP423134	VCP410975	VCP372554	VCP358242
Sample Date	14 Jun 2023	04 Apr 2023	23 Aug 2022	19 Mar 2022
Machine Hours	9087	5815	6938	3104
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	29.0	29.1	29.2	32.0
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CONTAMINATION

Silicon	ppm	5	5	9	10
Sodium	ppm	3	2	4	5
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	29	28	63	56
Copper	ppm	30	31	122	14
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	1	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	2	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	1	<1
Manganese	ppm	1	2	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	170	182	366	88
Magnesium	ppm	23	24	3	3
Zinc	ppm	80	63	148	20
Phosphorus	ppm	212	222	274	204
Barium	ppm	<1	0	5	0
Boron	ppm	79	70	90	71

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: SIMCHIL
Unique No: 10548942
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

