



CONSTRUCTION EQUIPMENT

580221 VOLVO L110H 631108 - TRANSMISSION (AUTO)



Sample No: VCP396882
Oil Type: VOLVO AT 102
Job No: 580221



SAMPLE INFORMATION

Sample Number	VCP396882	VCP400010	VCP385062	VCP376283
Sample Date	20 Jul 2023	24 Mar 2023	27 Oct 2022	25 Jul 2022
Machine Hours	12148	11606	11060	10590
Oil Hours	4000	1600	1000	500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	28.1	28.0	32.7	28.4
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CONTAMINATION

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



WEAR METALS

Iron	ppm	12	10	8	5
Copper	ppm	2	<1	1	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	2	2	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	0	0
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	70	74	67	73
Magnesium	ppm	2	4	0	1
Zinc	ppm	6	0	0	1
Phosphorus	ppm	191	205	202	196
Barium	ppm	1	0	0	0
Boron	ppm	105	98	99	93

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: RIPTAM
Unique No: 10602527
Signed: Wes Davis
Report Date: 13 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

