



CONSTRUCTION EQUIPMENT

VOLVO L110H 631289 - TRANSMISSION (AUTO)



Sample No: VCP408287
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP408287	VCP385557	VCP354576	VCP350896
Sample Date	04 Jun 2023	07 Oct 2022	14 Jun 2022	08 Dec 2021
Machine Hours	7680	6651	6226	5684
Oil Hours	0	1500	2000	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

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

Visc @ 40°C	cSt	27.0	26.8	26.9	27.1
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CONTAMINATION

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



WEAR METALS

Iron	ppm	29	31	30	29
Copper	ppm	0	3	3	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	10	9	7	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	82	84	71
Magnesium	ppm	0	2	0	0
Zinc	ppm	0	8	8	0
Phosphorus	ppm	170	170	175	172
Barium	ppm	0	0	0	0
Boron	ppm	77	79	82	86

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: 10552378
Signed: Wes Davis
Report Date: 13 Jul 2023



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VOLVO GRAPHS

