



CONSTRUCTION EQUIPMENT

VOLVO L110H 631289 - TRANSMISSION (AUTO)



Sample No: VCP440014
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP440014	VCP429256	VCP408287	VCP385557
Sample Date	14 Feb 2024	06 Oct 2023	04 Jun 2023	07 Oct 2022
Machine Hours	8659	8187	7680	6651
Oil Hours	0	4000	0	1500
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.4	27.4	27.0	26.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	4
Sodium	ppm	<1	2	2	2
Potassium	ppm	0	3	0	0

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.



WEAR METALS

Iron	ppm	9	26	29	31
Copper	ppm	0	4	0	3
Lead	ppm	0	5	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	10	10	9
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	76	122	72	82
Magnesium	ppm	2	7	0	2
Zinc	ppm	6	34	0	8
Phosphorus	ppm	197	198	170	170
Barium	ppm	0	0	0	0
Boron	ppm	95	82	77	79

Depot: RIPTAM
Unique No: 10996247
Signed: Don Baldrige
Report Date: 29 Apr 2024



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VOLVO GRAPHS

