



CONSTRUCTION EQUIPMENT

701681 VOLVO L110H 631226 - TRANSMISSION (AUTO)



Sample No: VCP451171
Oil Type: VOLVO AT 102
Job No: 701681



SAMPLE INFORMATION

Sample Number	VCP451171	VCP422698	VCP411360	VCP400056
Sample Date	20 May 2024	14 Jul 2023	11 Apr 2023	08 Dec 2022
Machine Hours	13441	12022	11460	10775
Oil Hours	2000	0	2000	1000
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	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	27.3	27.6	27.6	27.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	2	4
Sodium	ppm	<1	3	2	2
Potassium	ppm	1	0	0	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	32	22	21	18
Copper	ppm	5	2	2	2
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	11	6	5	5
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	69	70	74
Magnesium	ppm	2	1	<1	<1
Zinc	ppm	8	0	3	0
Phosphorus	ppm	195	178	178	202
Barium	ppm	<1	0	0	0
Boron	ppm	93	93	94	93

Depot: RIPTAM
Unique No: 11088061
Signed: Sean Felton
Report Date: 21 Jun 2024



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VOLVO GRAPHS

