



CONSTRUCTION EQUIPMENT

VOLVO L90H 623836 - TRANSMISSION (AUTO)



Sample No: VCP440083
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP440083	VCP395972	VCP372201	VCP357282
Sample Date	18 Jun 2024	02 Feb 2023	31 Aug 2022	29 Mar 2022
Machine Hours	7054	6023	5008	4970
Oil Hours	0	2000	500	0
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: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.0	27.9	27.5	27.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	7	6	6
Sodium	ppm	6	5	4	4
Potassium	ppm	3	0	<1	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	59	51	42	39
Copper	ppm	7	7	6	7
Lead	ppm	0	0	8	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	1	2	1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	166	146	117	117
Magnesium	ppm	28	19	13	6
Zinc	ppm	84	61	49	33
Phosphorus	ppm	240	200	182	190
Barium	ppm	0	0	0	0
Boron	ppm	60	69	62	72

Depot: RIPTAM
Unique No: 11096880
Signed: Sean Felton
Report Date: 26 Jun 2024



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GRAPHS

