



CONSTRUCTION EQUIPMENT

SWA395451-10 VOLVO L90G 617213 - TRANSMISSION (AUTO)



Sample No: VCP441847
Oil Type: VOLVO AT 102
Job No: SWA395451-10



SAMPLE INFORMATION

Sample Number	VCP441847	VCP321288	VCP303739	VCP280416
Sample Date	27 Oct 2023	18 Oct 2021	14 Jun 2021	10 Aug 2020
Machine Hours	12029	11096	10532	10005
Oil Hours	0	0	3500	2000
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - ROCK TAVERN
 39 STONE CASTLE RD
 ROCK TAVERN, NY
 US 12575
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	26.3	27.3	26.7	26.5
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T:
F:



CONTAMINATION

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

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	35	32	36	29
Copper	ppm	22	20	20	21
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	98	153	90	103
Magnesium	ppm	2	4	7	6
Zinc	ppm	29	48	27	34
Phosphorus	ppm	122	165	159	156
Barium	ppm	0	0	0	0
Boron	ppm	71	62	60	65

Depot: INSROC
Unique No: 10725885
Signed: Wes Davis
Report Date: 03 Nov 2023



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GRAPHS

