



CONSTRUCTION EQUIPMENT

A12509 VOLVO L90G 617604 - TRANSMISSION (AUTO)



Sample No: VCP439208
Oil Type: MOBIL AT 102
Job No: A12509



SAMPLE INFORMATION

Sample Number	VCP439208	VCP383623	VCP339372	VCP278590
Sample Date	26 Apr 2024	15 Nov 2022	13 Nov 2021	06 Aug 2021
Machine Hours	12265	10050	8575	8090
Oil Hours	4000	2000	4000	3500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - BRIDGEPORT
 396 E SCHUYLKILL RIVER RD
 BRIDGEPORT, PA
 US 19405
 Contact: DOUG



OIL CONDITION

Visc @ 40°C	cSt	31.2	27.3	26.6	26.9
-------------	-----	-------------	------	------	------

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	5	10	8
Sodium	ppm	6	1	6	5
Potassium	ppm	1	2	2	<1

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	50	38	77	68
Copper	ppm	10	6	10	10
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	13	9	13	9
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	115	119	164	166
Magnesium	ppm	3	6	9	9
Zinc	ppm	36	31	47	56
Phosphorus	ppm	201	192	212	207
Barium	ppm	<1	2	<1	<1
Boron	ppm	73	71	60	68

Depot: IAABRI
Unique No: 11033139
Signed: Wes Davis
Report Date: 17 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

