



CONSTRUCTION EQUIPMENT

19114 VOLVO L90H 624539 - TRANSMISSION (AUTO)



Sample No: VCP427120
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 19114



SAMPLE INFORMATION

Sample Number	VCP427120	VCP403909	VCP378289	VCP329561
Sample Date	10 Jul 2023	28 Feb 2023	27 May 2022	15 Mar 2022
Machine Hours	8365	7761	6558	6012
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - CLAYTON
 60 SADISCO RD
 CLAYTON, NC
 US 27520
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	25.9	28.7	26.1	26.8
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T:
F:



CONTAMINATION

Silicon	ppm	8	8	7	7
Sodium	ppm	7	5	6	4
Potassium	ppm	3	3	0	2

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	64	61	54	52
Copper	ppm	7	8	6	6
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	8	7	3	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	4	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	107	100	100	97
Magnesium	ppm	4	2	0	1
Zinc	ppm	41	36	31	27
Phosphorus	ppm	180	168	166	172
Barium	ppm	<1	0	1	0
Boron	ppm	54	57	65	61

Depot: INSCLA
Unique No: 10552890
Signed: Sean Felton
Report Date: 14 Jul 2023



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VOLVO GRAPHS

