



CONSTRUCTION EQUIPMENT

RALIEGH, NC/ASCENDUM MACHINERY SERVICE AGREEMENT 19116

VOLVO L90H 623126 TRANSMISSION



Sample No: VCP422379
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 19116



SAMPLE INFORMATION

Sample Number	VCP422379	VCP411467	VCP359108	VCP343244
Sample Date	03 Jul 2023	28 Feb 2023	28 Jun 2022	27 Dec 2021
Machine Hours	9812	9110	7986	7291
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	27.2	26.9	25.9	26.4
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T:
F:



CONTAMINATION

Silicon	ppm	4	3	5	6
Sodium	ppm	3	<1	2	0
Potassium	ppm	3	2	0	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	18	17	32	32
Copper	ppm	3	4	8	8
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	5	5	6	5
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	87	85	89
Magnesium	ppm	2	2	0	2
Zinc	ppm	29	30	29	26
Phosphorus	ppm	204	196	156	166
Barium	ppm	0	0	0	0
Boron	ppm	76	79	69	63

Depot: INSCLA
Unique No: 10552896
Signed: Sean Felton
Report Date: 14 Jul 2023



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GRAPHS

