



CONSTRUCTION EQUIPMENT

9859 VOLVO L90H 623827 - TRANSMISSION (AUTO)



Sample No: VCP412681
Oil Type: VOLVO AT 102
Job No: 9859



SAMPLE INFORMATION

Sample Number	VCP412681	VCP361947	VCP320250	VCP310386
Sample Date	08 Dec 2023	14 Feb 2022	22 Sep 2021	17 May 2021
Machine Hours	8096	5990	5645	5140
Oil Hours	0	2000	1000	1000
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - ELKTON
 183 ZEITLER RD
 ELKTON, MD
 US 21921
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	31.5	29.2	28.7	28.7
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	4
Sodium	ppm	0	1	0	3
Potassium	ppm	2	<1	1	<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	39	17	27	22
Copper	ppm	37	2	5	2
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	9	3	4	4
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	357	178	220	193
Magnesium	ppm	63	26	37	28
Zinc	ppm	189	63	88	66
Phosphorus	ppm	310	248	236	230
Barium	ppm	0	0	0	0
Boron	ppm	114	90	84	85

Depot: IAAELK
Unique No: 10789114
Signed: Jonathan Hester
Report Date: 18 Dec 2023



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VOLVO GRAPHS

