



CONSTRUCTION EQUIPMENT

SW1025005 IAA VOLVO L90H 623449 - TRANSMISSION (AUTO)



Sample No: VCP423049
Oil Type: VOLVO AT 102
Job No: SW1025005 IAA



SAMPLE INFORMATION

Sample Number	VCP423049	VCP354943	VCP277919	VCP252634
Sample Date	10 Oct 2023	12 Sep 2022	22 Jun 2020	18 Sep 2019
Machine Hours	13824	12845	10127	8324
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.3	28.0	26.8	27.8
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CONTAMINATION

Silicon	ppm	4	3	5	8
Sodium	ppm	6	4	4	9
Potassium	ppm	3	0	0	3

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	16	26	42	85
Copper	ppm	9	17	38	95
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	3	2	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	1	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	4	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	100	161	267
Magnesium	ppm	0	2	4	<1
Zinc	ppm	17	29	58	116
Phosphorus	ppm	187	157	185	211
Barium	ppm	0	0	1	0
Boron	ppm	70	65	50	30

Depot: VOLVO6174
Unique No: 10699432
Signed: Wes Davis
Report Date: 18 Oct 2023



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VOLVO GRAPHS

