



CONSTRUCTION EQUIPMENT

D13114 VOLVO L120H 632883 - TRANSMISSION (AUTO)



Sample No: VCP440573
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D13114



SAMPLE INFORMATION

Sample Number	VCP440573	VCP414073	VCP05746725	VCP360507
Sample Date	20 Dec 2023	05 Oct 2023	17 Jan 2023	14 Oct 2022
Machine Hours	6529	6027	4350	3666
Oil Hours	2175	1673	4350	3666
Oil Changed	N/A	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
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OIL CONDITION

Visc @ 40°C	cSt	27.5	27.7	27.1	27.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	11	11
Sodium	ppm	<1	3	5	3
Potassium	ppm	1	2	0	0

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	21	16	60	59
Copper	ppm	5	5	13	11
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	4	4	8	8
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	78	77	86
Magnesium	ppm	2	0	4	2
Zinc	ppm	0	4	39	22
Phosphorus	ppm	220	184	219	188
Barium	ppm	0	0	16	2
Boron	ppm	93	78	64	65

Depot: VOLVO0069
Unique No: 10807086
Signed: Jonathan Hester
Report Date: 29 Dec 2023



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GRAPHS

