



CONSTRUCTION EQUIPMENT

VOLVO L60H 623000 - TRANSMISSION (AUTO)



Sample No: VCP452237
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP452237	VCP414632	VCP418281	VCP395068
Sample Date	18 Jan 2024	07 Sep 2023	06 Jun 2023	24 Mar 2023
Machine Hours	2000	1968	1042	617
Oil Hours	0	0	1042	617
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.5	27.8	28.1	28.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	12	11	12
Sodium	ppm	4	4	0	4
Potassium	ppm	<1	2	3	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	222	170	145	100
Copper	ppm	5	6	6	4
Lead	ppm	0	0	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	0	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	10	9	8	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	76	79	76
Magnesium	ppm	2	2	<1	4
Zinc	ppm	42	33	35	22
Phosphorus	ppm	198	185	193	194
Barium	ppm	1	0	0	0
Boron	ppm	63	73	76	75

Depot: VOLVO0093
Unique No: 10996248
Signed: Don Baldrige
Report Date: 29 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

