



CONSTRUCTION EQUIPMENT

8000385245 VOLVO L120H 632068 - TRANSMISSION (AUTO)



Sample No: VCP394753
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 8000385245



SAMPLE INFORMATION

Sample Number	VCP394753	VCP353119	VCP332641	VCP260294
Sample Date	10 Nov 2023	08 Mar 2023	18 Feb 2022	01 Mar 2020
Machine Hours	31991	29862	24222	16329
Oil Hours	0	0	0	0
Oil Changed	Not Changed	Changed	Changed	Changed
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
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OIL CONDITION

Visc @ 40°C	cSt	34.2	28.5	30.5	26.8
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CONTAMINATION

Silicon	ppm	5	4	6	6
Sodium	ppm	1	2	1	<1
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Iron	ppm	8	8	13	15
Copper	ppm	2	3	4	6
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	6	5	5
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	▲ 73	137	74	85
Magnesium	ppm	<1	1	2	1
Zinc	ppm	▲ 248	98	169	36
Phosphorus	ppm	274	233	231	174
Barium	ppm	<1	0	0	0
Boron	ppm	38	56	43	64

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO9652
Unique No: 5681969
Signed: Kevin Marson
Report Date: 17 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

