



CONSTRUCTION EQUIPMENT

390599 VOLVO L120H 632068 - TRANSMISSION (AUTO)



Sample No: VCP392876
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 390599



SAMPLE INFORMATION

Sample Number	VCP392876	VCP394753	VCP353119	VCP332641
Sample Date	05 Jan 2024	10 Nov 2023	08 Mar 2023	18 Feb 2022
Machine Hours	32360	31991	29862	24222
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)391-3520
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	29.0	34.2	28.5	30.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	5	4	6
Sodium	ppm	7	1	2	1
Potassium	ppm	11	0	<1	<1

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.



WEAR METALS

Iron	ppm	11	8	8	13
Copper	ppm	2	2	3	4
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	6	5
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	3	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	▲ 73	137	74
Magnesium	ppm	<1	<1	1	2
Zinc	ppm	9	▲ 248	98	169
Phosphorus	ppm	187	274	233	231
Barium	ppm	1	<1	0	0
Boron	ppm	77	38	56	43

Depot: VOLVO9652
Unique No: 5708644
Signed: Wes Davis
Report Date: 10 Jan 2024



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VOLVO GRAPHS

