



CONSTRUCTION EQUIPMENT

8000409218 VOLVO L120H 632081 - TRANSMISSION (AUTO)



Sample No: VCP334159
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 8000409218



SAMPLE INFORMATION

Sample Number	VCP334159	VCP347411	VCP334123	VCP299226
Sample Date	24 Jun 2024	16 May 2022	17 Jan 2022	17 Jun 2021
Machine Hours	32213	24847	23116	19757
Oil Hours	4000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	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	27.7	27.3	28.4	31.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	6	8	6
Sodium	ppm	2	1	<1	2
Potassium	ppm	2	<1	<1	<1



WEAR METALS

Iron	ppm	41	19	25	52
Copper	ppm	8	2	2	5
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	8	5	5	8
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	6
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	85	81	333
Magnesium	ppm	1	1	4	85
Zinc	ppm	10	6	11	175
Phosphorus	ppm	191	176	194	263
Barium	ppm	0	0	0	0
Boron	ppm	79	73	86	58

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: 5801729
Signed: Wes Davis
Report Date: 26 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

