



CONSTRUCTION EQUIPMENT

405627 VOLVO L120H 632718 - TRANSMISSION (AUTO)



Sample No: VCP381914
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 405627



SAMPLE INFORMATION

Sample Number	VCP381914	VCP393853	VCP394564	VCP391969
Sample Date	30 May 2024	01 Mar 2024	23 Feb 2024	24 Apr 2023
Machine Hours	14423	13026	13026	8229
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	ATTENTION	ATTENTION	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	28.8	33.1	33.3	26.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	5	4
Sodium	ppm	1	2	1	2
Potassium	ppm	<1	<1	2	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	12	42	38	33
Copper	ppm	7	82	84	6
Lead	ppm	0	2	2	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	6	6	3
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	8	8	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	97	406	404	127
Magnesium	ppm	10	102	103	2
Zinc	ppm	22	213	216	23
Phosphorus	ppm	203	340	344	182
Barium	ppm	0	0	0	<1
Boron	ppm	95	74	73	64

Depot: VOLVO9652
Unique No: 5788607
Signed: Wes Davis
Report Date: 03 Jun 2024



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GRAPHS

