



CONSTRUCTION EQUIPMENT

386957 16-8002 - TRANSMISSION (AUTO)



Sample No: VCP380100
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 386957



SAMPLE INFORMATION

Sample Number	VCP380100	VCP429741	VCP392217	VCP394896
Sample Date	29 Nov 2023	06 Oct 2023	04 Aug 2023	21 May 2023
Machine Hours	18500	18004	17470	16959
Oil Hours	2500	2000	1500	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CRH CANADA GROUP INC.
P.O. BOX 5400
CONCORD, ON
CA L4K 1B6
Contact: Dan Brown
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F:



OIL CONDITION

Visc @ 40°C	cSt	27.8	27.9	28.8	28.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	12	11	10
Sodium	ppm	9	11	12	10
Potassium	ppm	11	14	14	12

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	134	124	91	60
Copper	ppm	9	8	6	5
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	3	2	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	73	71	74
Magnesium	ppm	2	2	2	1
Zinc	ppm	15	30	41	38
Phosphorus	ppm	189	190	198	208
Barium	ppm	2	2	2	2
Boron	ppm	67	55	54	57

Depot: HOLCON
Unique No: 5695960
Signed: Kevin Marson
Report Date: 14 Dec 2023



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VOLVO GRAPHS

