



CONSTRUCTION EQUIPMENT

380667 16-8002 - TRANSMISSION (AUTO)



Sample No: VCP429741
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 380667



SAMPLE INFORMATION

Sample Number	VCP429741	VCP392217	VCP394896	VCP352511
Sample Date	06 Oct 2023	04 Aug 2023	21 May 2023	25 Sep 2022
Machine Hours	18004	17470	16959	16000
Oil Hours	2000	1500	1000	4000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

CRH CANADA GROUP INC.
P.O. BOX 5400
CONCORD, ON
CA L4K 1B6
Contact: Dan Brown
dan.brown@ca.crh.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	27.9	28.8	28.5	29.1
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CONTAMINATION

Silicon	ppm	12	11	10	7
Sodium	ppm	11	12	10	5
Potassium	ppm	14	14	12	1

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	124	91	60	55
Copper	ppm	8	6	5	3
Lead	ppm	<1	0	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	1	1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	71	74	70
Magnesium	ppm	2	2	1	<1
Zinc	ppm	30	41	38	8
Phosphorus	ppm	190	198	208	200
Barium	ppm	2	2	2	<1
Boron	ppm	55	54	57	75

Depot: HOLCON
Unique No: 5657733
Signed: Wes Davis
Report Date: 13 Oct 2023

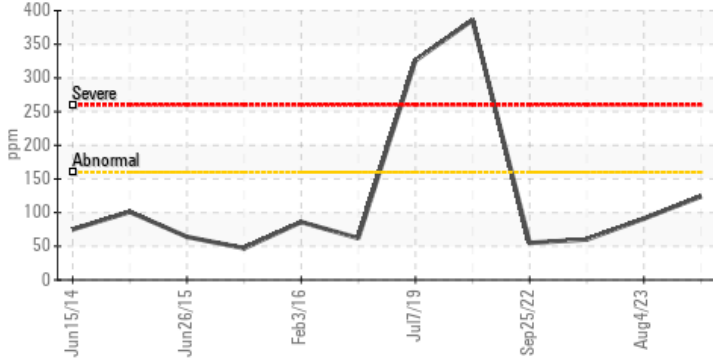


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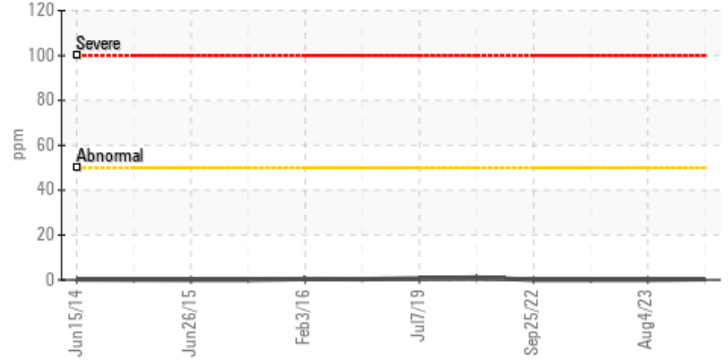


GRAPHS

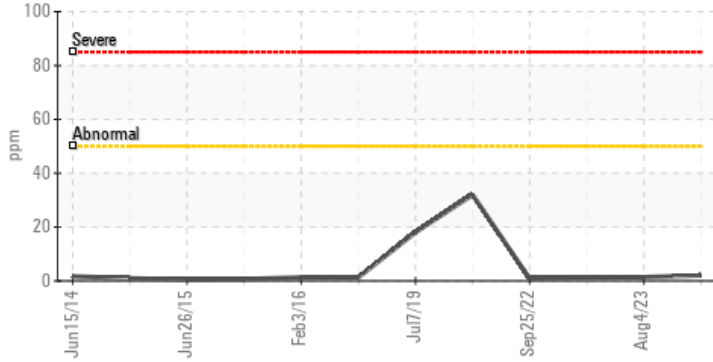
Iron (ppm)



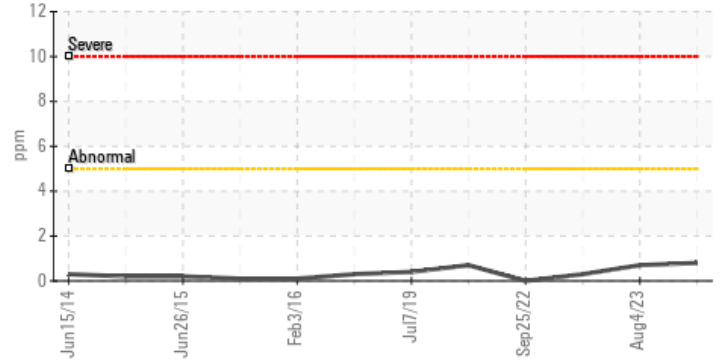
Lead (ppm)



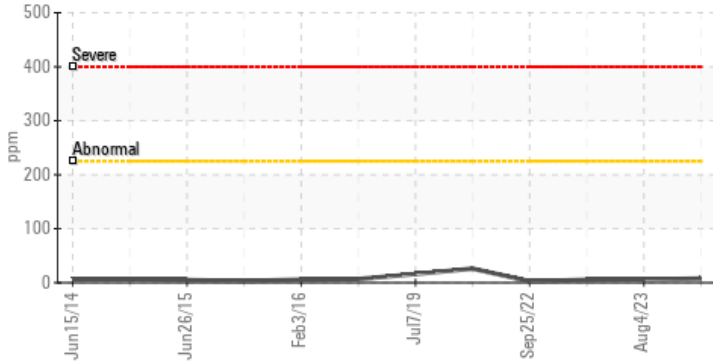
Aluminum (ppm)



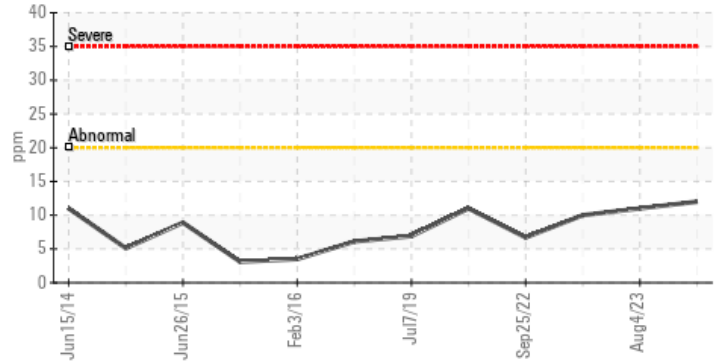
Chromium (ppm)



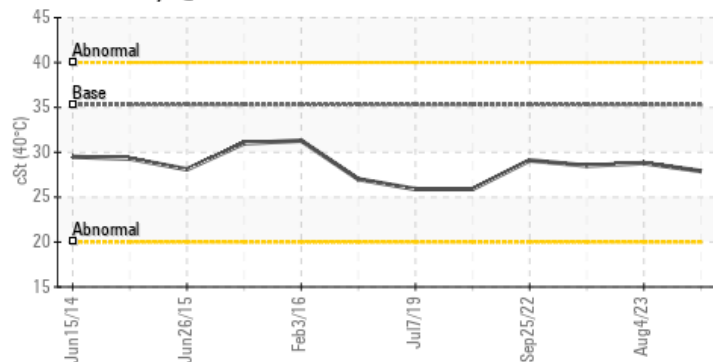
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

