



# CONSTRUCTION EQUIPMENT

8-399067 16-8023 - TRANSMISSION (AUTO)



**Sample No:** VCP391841  
**Oil Type:** VOLVO EXTRA AUTOMATIC FLUID  
**Job No:** 8-399067



## SAMPLE INFORMATION

Sample Number	<b>VCP391841</b>	VCP394352	VCP391570	VCP353454
Sample Date	<b>26 Mar 2024</b>	27 Nov 2023	23 Aug 2023	16 Jun 2023
Machine Hours	<b>10977</b>	10498	9990	0
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>SEVERE</b>	NORMAL	NORMAL	NORMAL

**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	<b>27.4</b>	27.5	27.7	27.5
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	7	7	4
Sodium	ppm	<b>3</b>	3	3	2
Potassium	ppm	<b>1</b>	1	1	2

## WEAR METALS

PQ		<b>2</b>	---	---	---
Iron	ppm	<b>70</b>	54	43	158
Copper	ppm	<b>8</b>	7	6	7
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>4</b>	3	2	4
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>5</b>	4	4	3
Vanadium	ppm	<b>0</b>	0	0	0

## ADDITIVES

Calcium	ppm	<b>73</b>	79	73	79
Magnesium	ppm	<b>1</b>	<1	1	1
Zinc	ppm	<b>14</b>	15	12	13
Phosphorus	ppm	<b>188</b>	190	198	206
Barium	ppm	<b>4</b>	4	4	<1
Boron	ppm	<b>70</b>	66	74	73

## Diagnosis

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the fluid. The fluid is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

**Depot:** HOLCON  
**Unique No:** 5761046  
**Signed:** Wes Davis  
**Report Date:** 11 Apr 2024

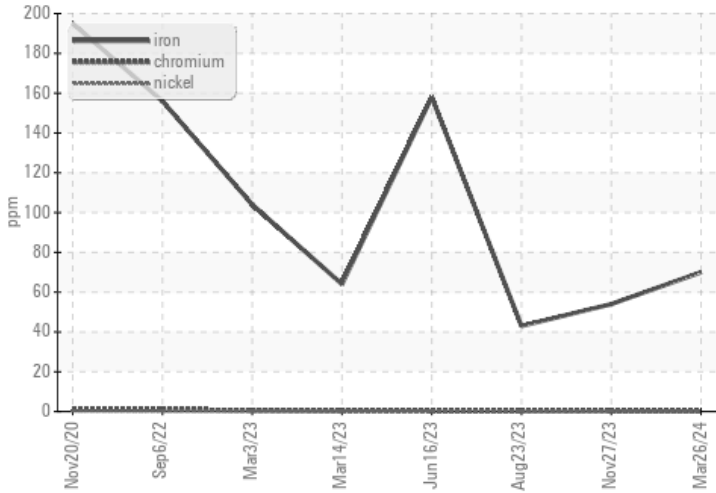


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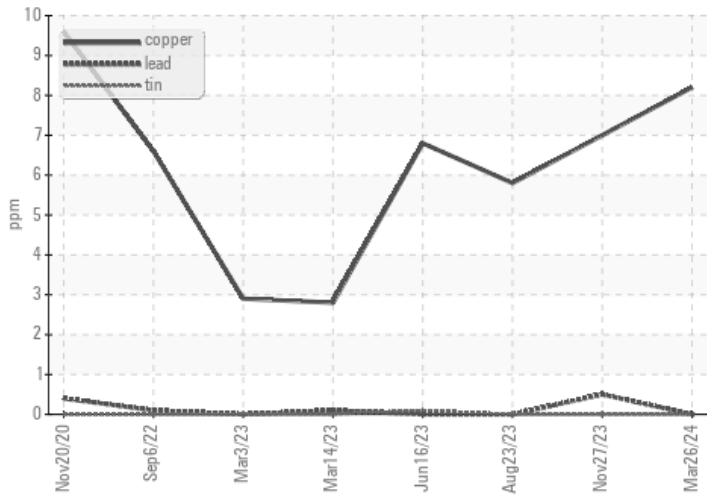


## VOLVO GRAPHS

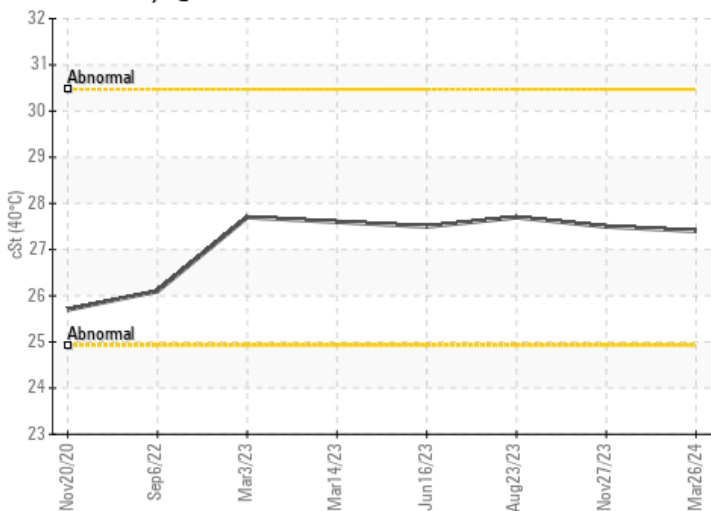
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count

