



# CONSTRUCTION EQUIPMENT

8-375953 16-8114 - FRONT AXLE



Sample No: VCP394504

Oil Type: {unknown}

Job No: 8-375953



## SAMPLE INFORMATION

Sample Number	<b>VCP394504</b>	VCP352423	VCP352422	VCP298473
Sample Date	<b>23 Aug 2023</b>	06 Sep 2022	06 Sep 2022	31 Aug 2021
Machine Hours	<b>2952</b>	2012	2012	1005
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</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

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## OIL CONDITION

Visc @ 40°C	cSt	<b>42.1</b>	39.6	39.3	39.7
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>14</b>	11	9	14
Sodium	ppm	<b>2</b>	10	10	10
Potassium	ppm	<b>&lt;1</b>	1	1	3



## WEAR METALS

Iron	ppm	<b>33</b>	68	46	86
Copper	ppm	<b>&lt;1</b>	4	<1	2
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	1	1	1
Chromium	ppm	<b>&lt;1</b>	2	2	4
Molybdenum	ppm	<b>&lt;1</b>	1	1	6
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	4	3	8
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>4259</b>	4002	3876	4014
Magnesium	ppm	<b>16</b>	13	13	14
Zinc	ppm	<b>1644</b>	1531	1526	1672
Phosphorus	ppm	<b>1406</b>	1354	1349	1486
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>127</b>	115	115	120

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: HOLCON

Unique No: 5631590

Signed: Wes Davis

Report Date: 25 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

