



CONSTRUCTION EQUIPMENT

8-375953 16-8114 - HYDRAULIC SYSTEM



Sample No: VCP394502

Oil Type: {unknown}

Job No: 8-375953



SAMPLE INFORMATION

Sample Number	VCP394502	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	2952	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	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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F:



OIL CONDITION

Visc @ 40°C	cSt	51.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		2473	---	---	---
Particles >6µm		298	---	---	---
Particles >14µm		15	---	---	---
ISO 4406:1999 (c)		18/15/11	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 20 AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	69	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	368	---	---	---
Phosphorus	ppm	338	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

Depot: HOLCON

Unique No: 5631565

Signed: Kevin Marson

Report Date: 28 Aug 2023

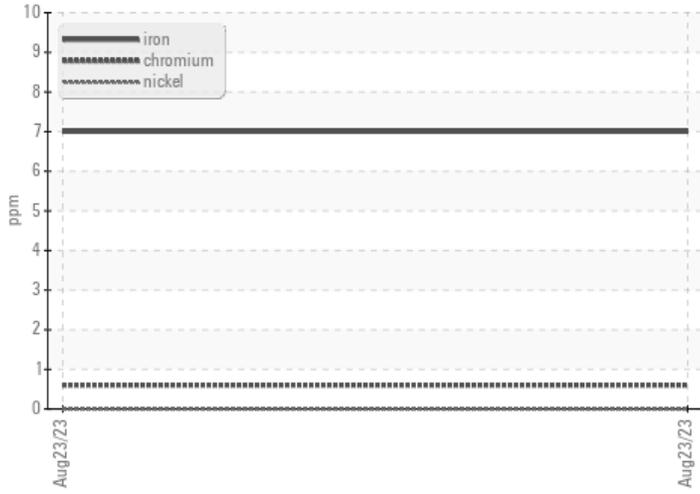


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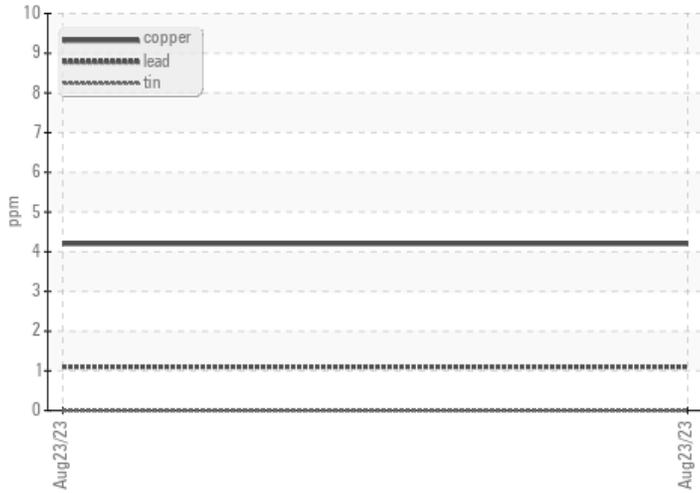


GRAPHS

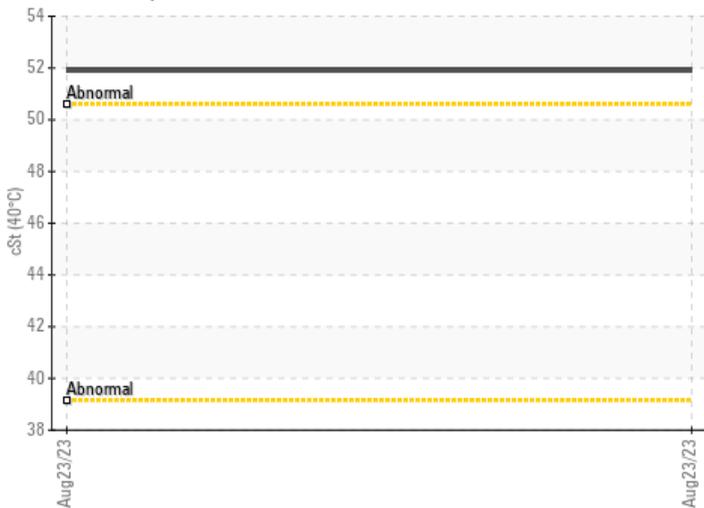
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

