



CONSTRUCTION EQUIPMENT

8-371240 16-8113 - HYDRAULIC SYSTEM



Sample No: VCP391586
Oil Type: AW HYDRAULIC OIL ISO 32
Job No: 8-371240



SAMPLE INFORMATION

Sample Number	VCP391586	VCP334134	---	---
Sample Date	17 Jul 2023	09 May 2022	---	---
Machine Hours	6060	3950	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

CRH CANADA GROUP INC.

P.O. BOX 5400
 CONCORD, ON
 CA L4K 1B6
 Contact: Dan Brown
 dan.brown@ca.crh.com



OIL CONDITION

Visc @ 40°C	cSt	39.6	38.1	---	---
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CONTAMINATION

Particles >4µm		24129	▲ 24017	---	---
Particles >6µm		2889	■ 497	---	---
Particles >14µm		126	■ 6	---	---
ISO 4406:1999 (c)		22/19/14	22/16/10	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	6	---	---
Copper	ppm	2	4	---	---
Lead	ppm	1	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	56	49	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	425	429	---	---
Phosphorus	ppm	356	342	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	<1	---	---

Depot: HOLCON
Unique No: 5615990
Signed: Wes Davis
Report Date: 20 Jul 2023

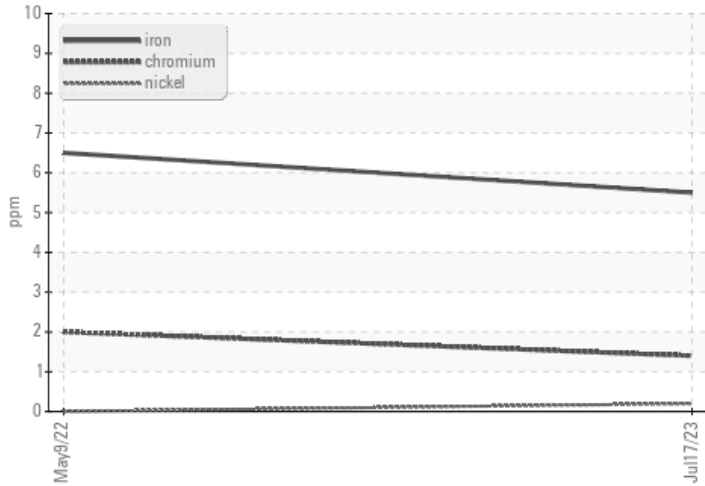


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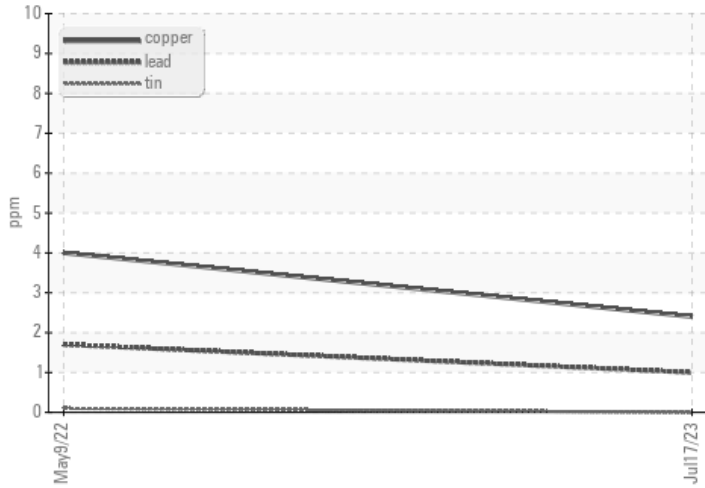


GRAPHS

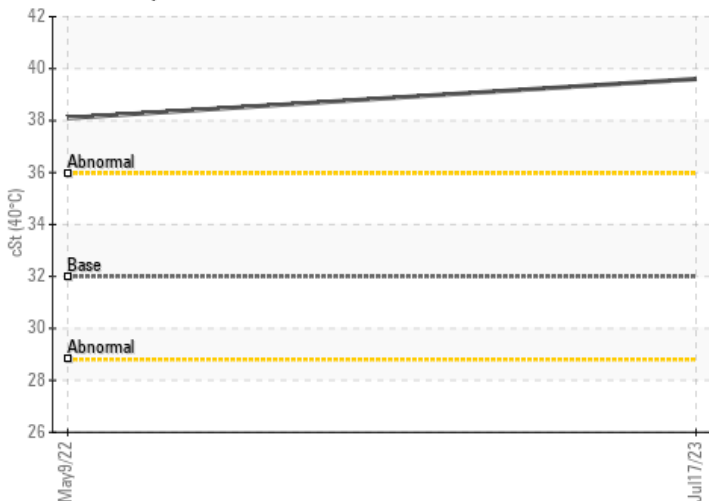
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

