



CONSTRUCTION EQUIPMENT

NO UNIT 02580061 - HYDRAULIC SYSTEM



Sample No: VCP
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Villamor Pingol
 vpingol@strongco.com
 T: (519)744-3518
 F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	█ 40.8	---	---	---
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CONTAMINATION

Particles >4µm		█ 2206	---	---	---
Particles >6µm		█ 75	---	---	---
Particles >14µm		█ 9	---	---	---
ISO 4406:1999 (c)		18/13/10	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity 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	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	423	---	---	---
Phosphorus	ppm	358	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: CASKIT
Unique No: 5633121
Signed: Wes Davis
Report Date: 05 Sep 2023

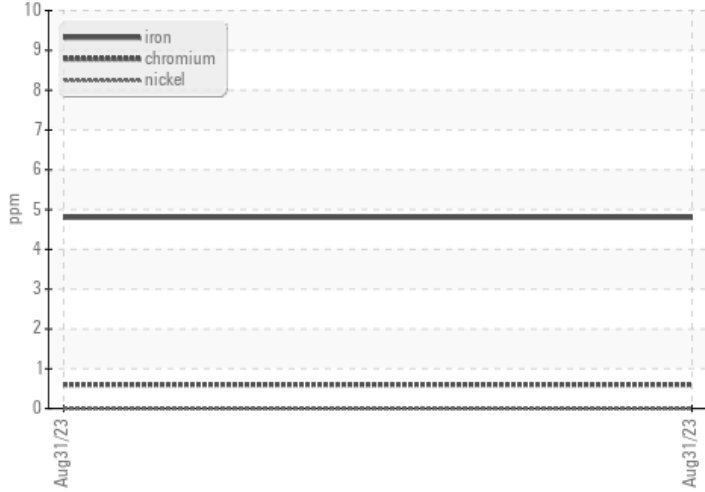


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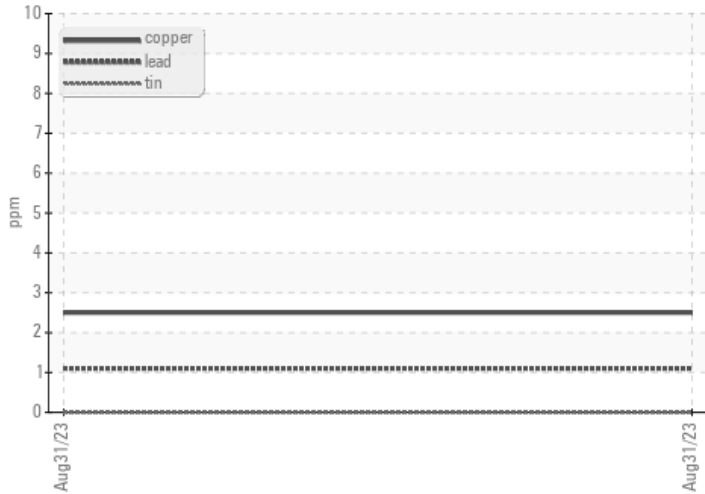


VOLVO GRAPHS

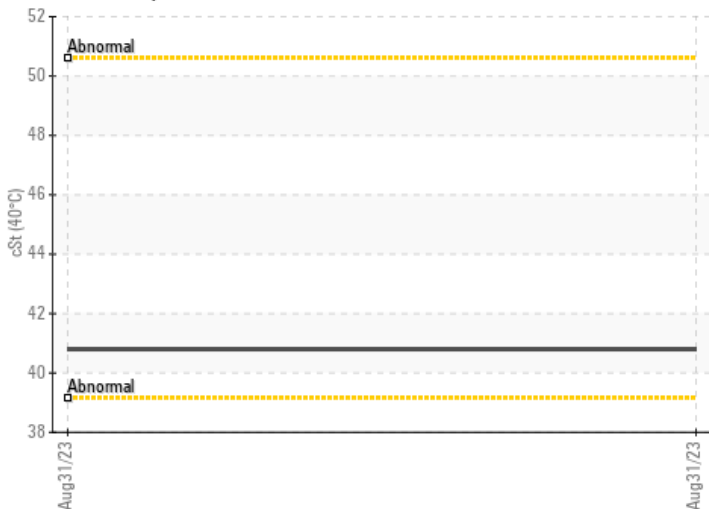
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

