



# CONSTRUCTION EQUIPMENT

MCBM 383463 VOLVO EC460C 110170 - HYDRAULIC SYSTEM



Sample No: VCP353062

Oil Type: NOT GIVEN

Job No: 383463



## SAMPLE INFORMATION

Sample Number	VCP353062	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	4181	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 27287	---	---	---
Particles >6µm		█ 1101	---	---	---
Particles >14µm		█ 15	---	---	---
ISO 4406:1999 (c)		22/17/11	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	388	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	506	---	---	---
Phosphorus	ppm	410	---	---	---
Barium	ppm	11	---	---	---
Boron	ppm	6	---	---	---



### STRONGCO EQUIPMENT INC.

72 CHEMIN DU TREMBLAY  
BOUCHERVILLE, QC  
CA J4B 6Z6

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### 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. 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.

Depot: SHEBOU  
Unique No: 5671731  
Signed: Wes Davis  
Report Date: 08 Nov 2023

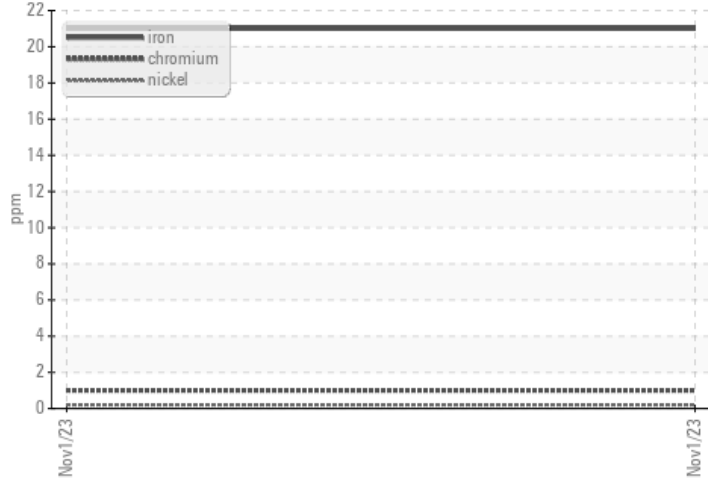


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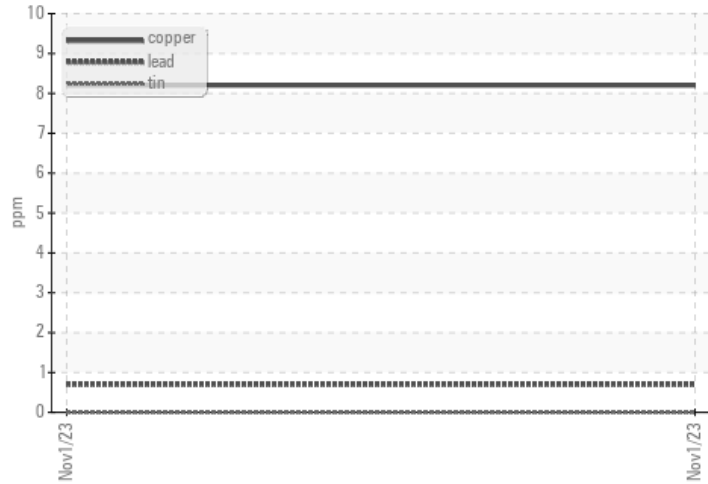


## VOLVO GRAPHS

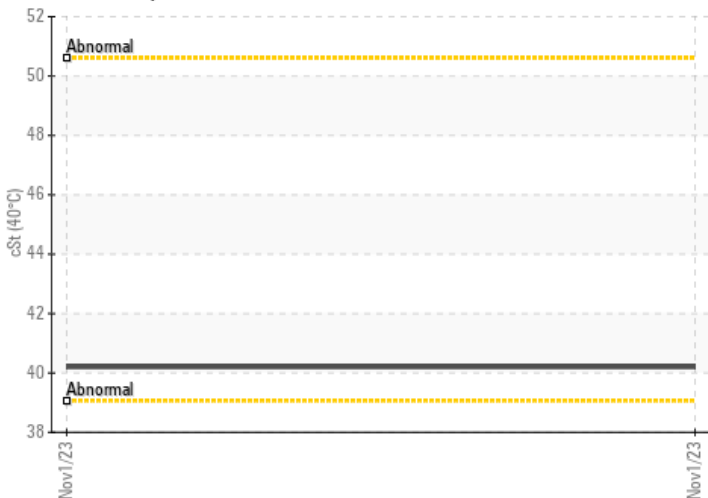
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

