



# CONSTRUCTION EQUIPMENT

JMX 8-394539 VOLVO EC380E 314333 - HYDRAULIC SYSTEM



Sample No: VCP449281

Oil Type: {unknown}

Job No: 8-394539



## SAMPLE INFORMATION

Sample Number	VCP449281	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	4157	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4

Contact: Janice Cripps  
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F: (905)670-2338



## OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 6670	---	---	---
Particles >6µm		█ 221	---	---	---
Particles >14µm		█ 13	---	---	---
ISO 4406:1999 (c)		20/15/11	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

### 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.



## WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 35	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	571	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	540	---	---	---
Phosphorus	ppm	474	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: SHEMIS  
Unique No: 5746631  
Signed: Wes Davis  
Report Date: 13 Mar 2024

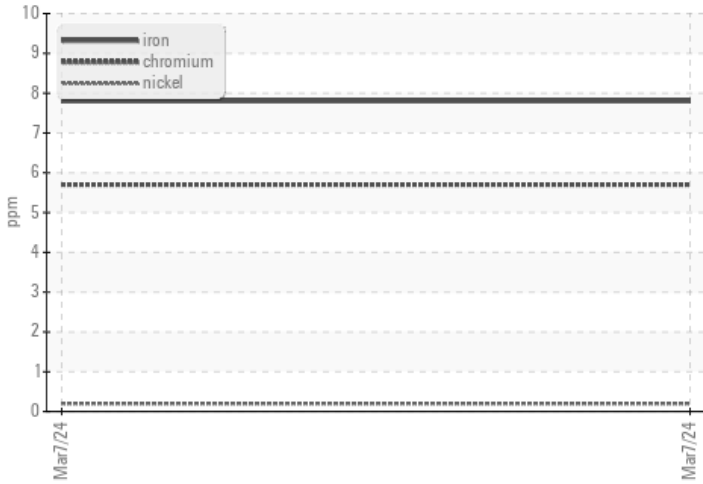


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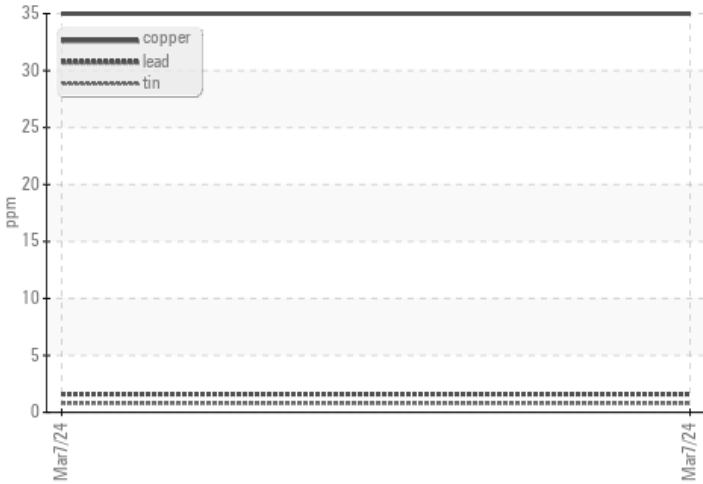


## GRAPHS

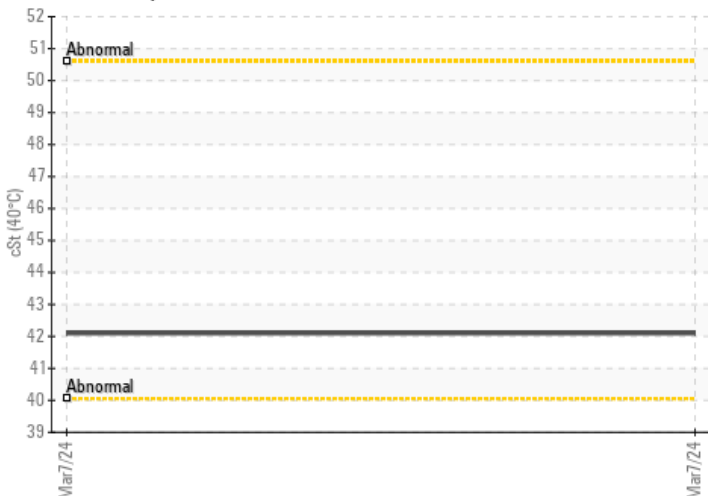
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

