



# CONSTRUCTION EQUIPMENT

## E15101 CRAIGE THIB ELTEC 2FHL277LR0257 - HYDRAULIC SYSTEM



**Sample No:** VCP418863  
**Oil Type:** PONSSE 46W  
**Job No:** E15101 CRAIGE THIB



### SAMPLE INFORMATION

Sample Number	VCP418863	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	307	---	---	---
Oil Hours	307	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

### CHADWICK-BAROSS INC

314 MAIN STREET  
 CARIBOU, ME  
 US 04736  
 Contact: ADAM THERIAULT  
 theriault@chadwick-baross.com  
 T:  
 F: (207)498-6596



### OIL CONDITION

Visc @ 40°C	cSt	▲ 32.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.02	---	---	---



### CONTAMINATION

Particles >4µm		■ 2649	---	---	---
Particles >6µm		■ 491	---	---	---
Particles >14µm		■ 43	---	---	---
ISO 4406:1999 (c)		19/16/13	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	81	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	455	---	---	---
Phosphorus	ppm	344	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0010  
**Unique No:** 10723876  
**Signed:** Don Baldrige  
**Report Date:** 02 Nov 2023

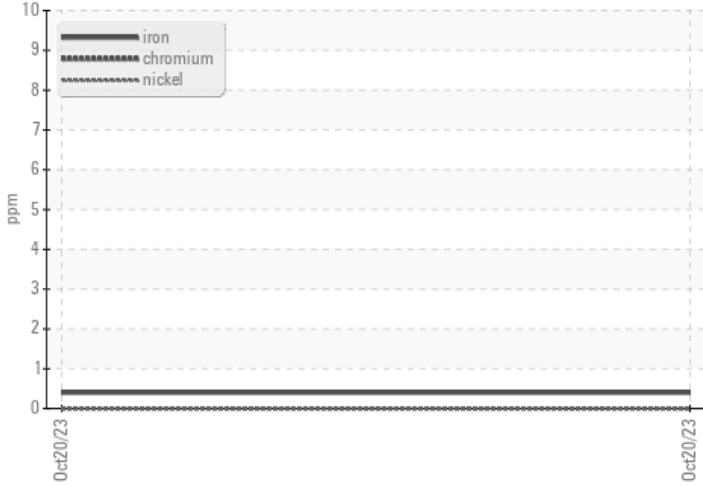


# CONSTRUCTION EQUIPMENT

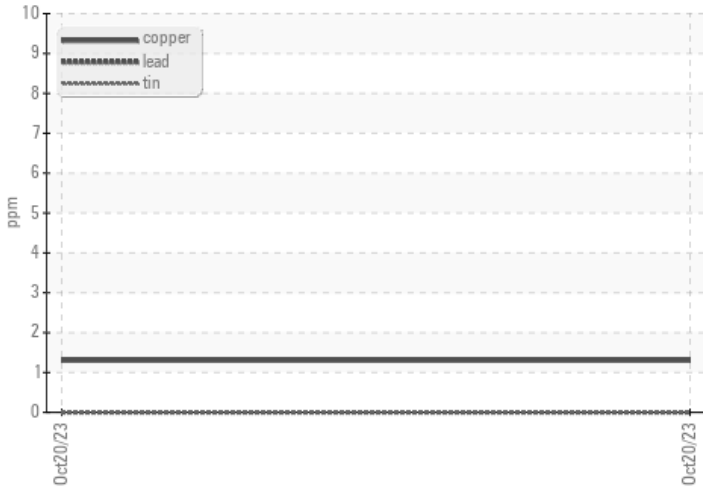


## GRAPHS

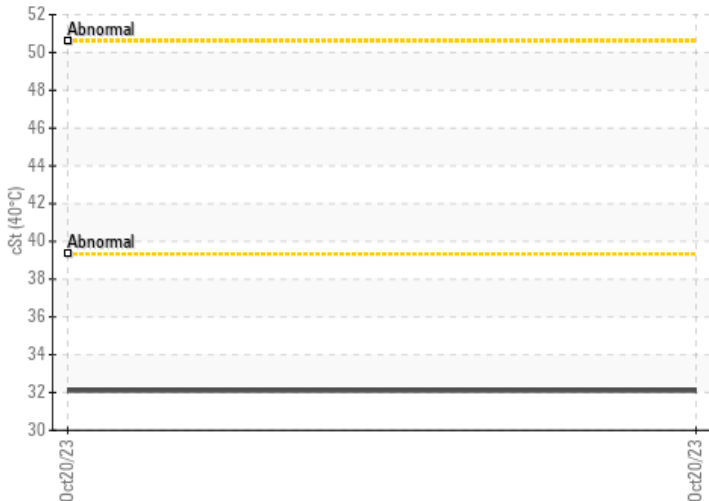
### Ferrous Alloys



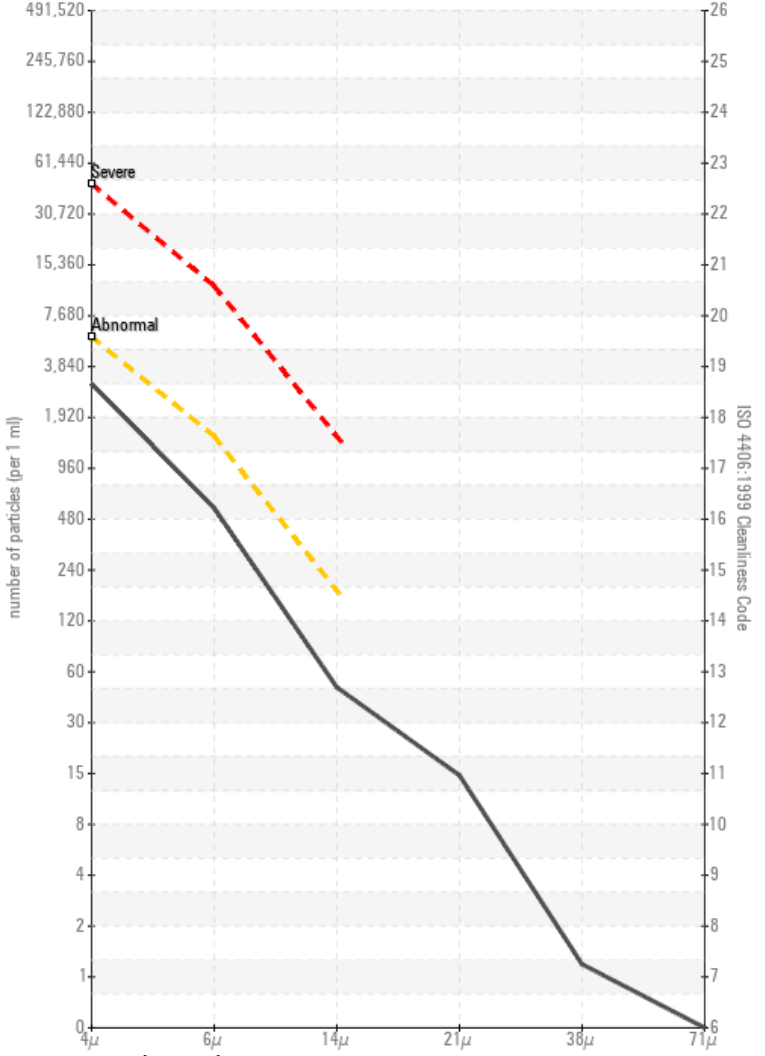
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

