



# CONSTRUCTION EQUIPMENT

## RECONEX ASV RT75 480Z - HYDRAULIC SYSTEM



**Sample No:** VCP417857  
**Oil Type:** MOBIL DTE 10  
**Job No:** RECONEX



### SAMPLE INFORMATION

Sample Number	VCP417857	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	300	---	---	---
Oil Hours	300	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

ARING EQUIPMENT COMPANY INC - MADISON/DE FOREST  
 5005 CAKE PKWY  
 DE FOREST, WI  
 US 53532-1004  
 Contact: GARY NECHVATAL  
 gnechvatal@aring.com  
 T:  
 F: (608)222-9198



### OIL CONDITION

Visc @ 40°C	cSt	▲ 31.3	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.11	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 5062	---	---	---
Particles >6µm		■ 272	---	---	---
Particles >14µm		■ 26	---	---	---
ISO 4406:1999 (c)		20/15/12	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

### Diagnosis

We advise that you check for the source of fuel entry. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 6 microns in size) present in the oil. There is a high amount of fuel present in the oil and is lowering the viscosity. The AN level is acceptable for this fluid. The oil is no longer serviceable due to the presence of contaminants.



### WEAR METALS

Iron	ppm	▲ 21	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	42	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	135	---	---	---
Phosphorus	ppm	151	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0070  
**Unique No:** 10845008  
**Signed:** Jonathan Hester  
**Report Date:** 29 Jan 2024

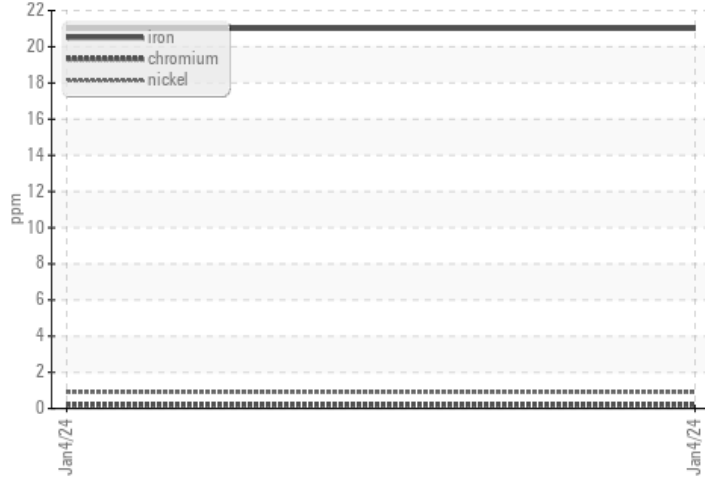


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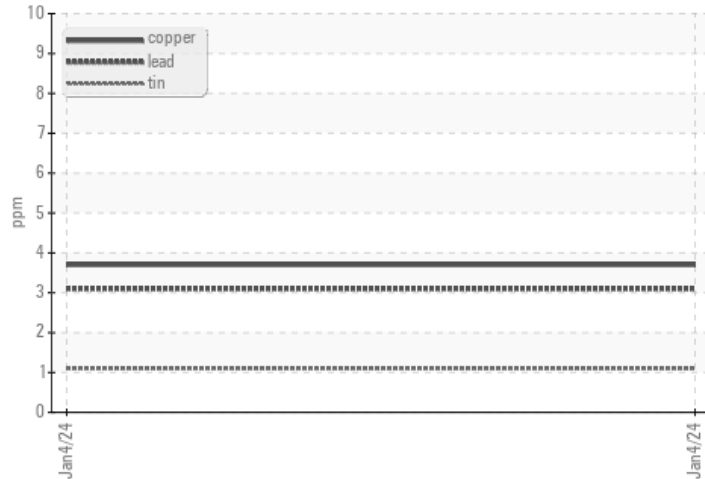


## GRAPHS

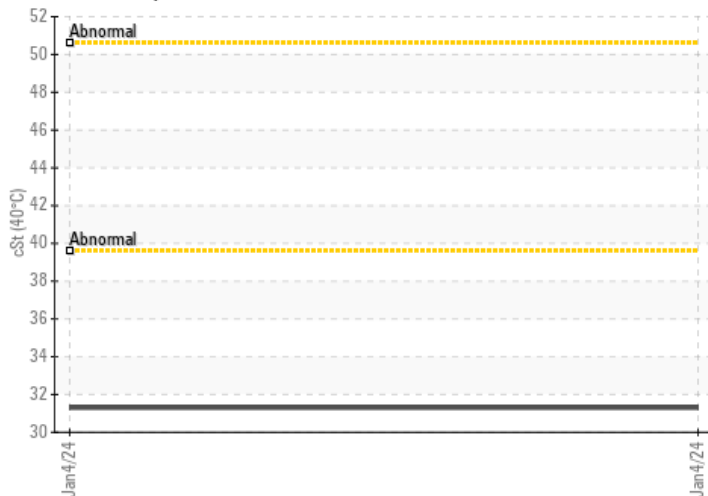
### ▲ Ferrous Alloys



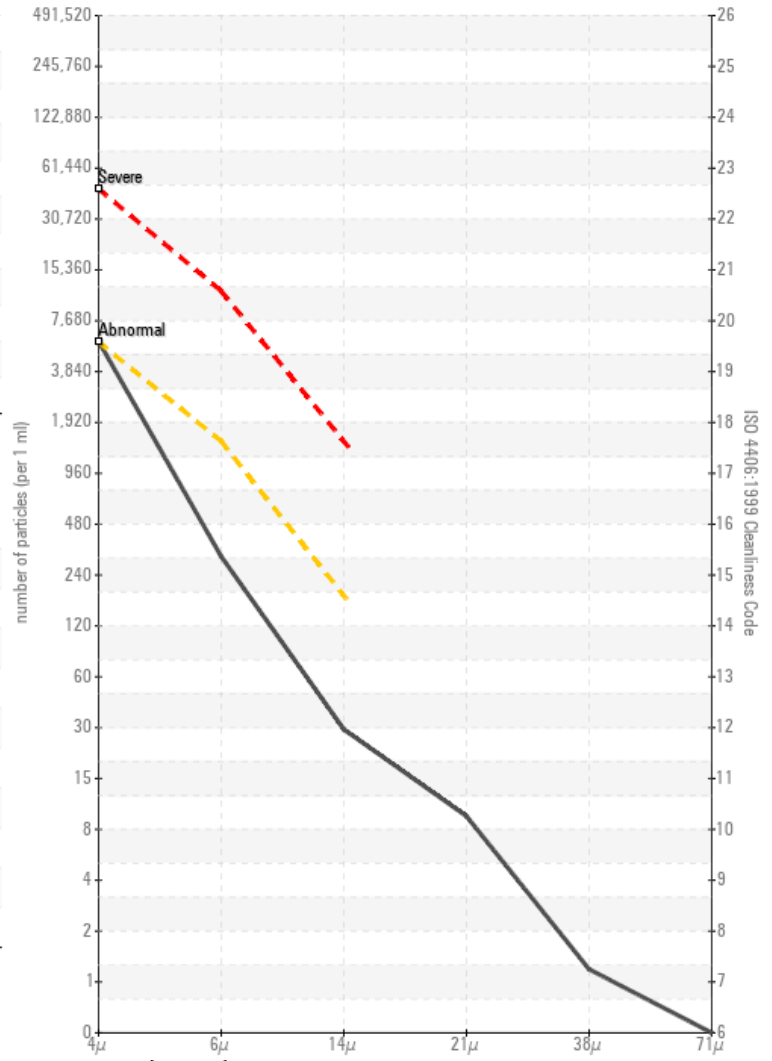
### Non-ferrous Metals



### ▲ Viscosity @ 40°C



### ▲ Particle Count



### Acid Number

