



CONSTRUCTION EQUIPMENT

380994-1 ALTER SENNEBOGEN 825 825.0.2552 - HYDRAULIC SYSTEM



Sample No: VCP082785
Oil Type: SENNEBOGEN/MAYBE SHELL ISO 46
Job No: 380994-1 ALTER



SAMPLE INFORMATION

Sample Number	VCP082785	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	9930	---	---	---
Oil Hours	9930	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705
 Contact: JUSTIN PERRY
 justin.perry@altg.com
 T: (309)533-9285
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 42.4	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.50	---	---	---

CONTAMINATION

Particles >4µm		▲ 25520	---	---	---
Particles >6µm		▲ 8282	---	---	---
Particles >14µm		▲ 531	---	---	---
ISO 4406:1999 (c)		22/20/16	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The chromium level is abnormal. All other component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	▲ 15	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	291	---	---	---
Magnesium	ppm	27	---	---	---
Zinc	ppm	505	---	---	---
Phosphorus	ppm	409	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Depot: VOLVO5054
Unique No: 10699623
Signed: Angela Borella
Report Date: 19 Oct 2023

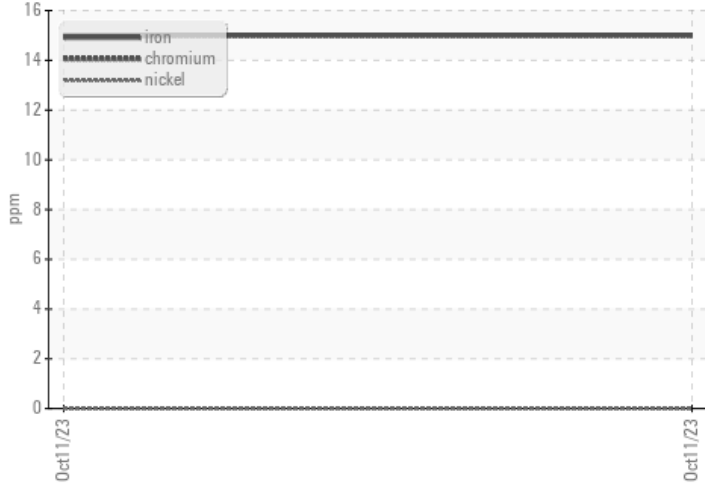


CONSTRUCTION EQUIPMENT

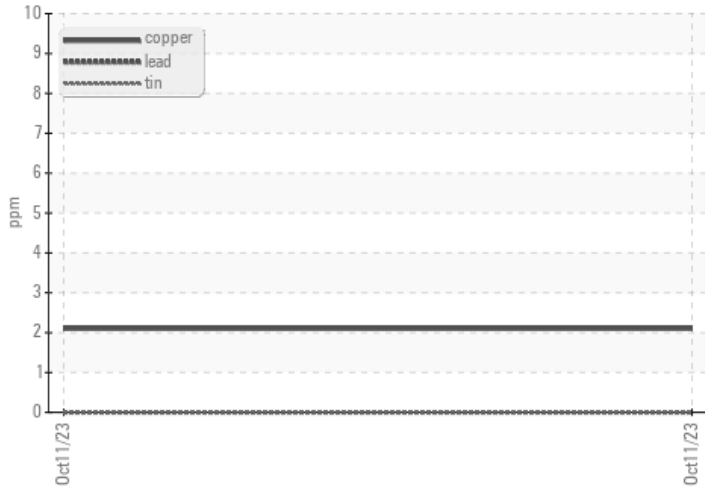


VOLVO GRAPHS

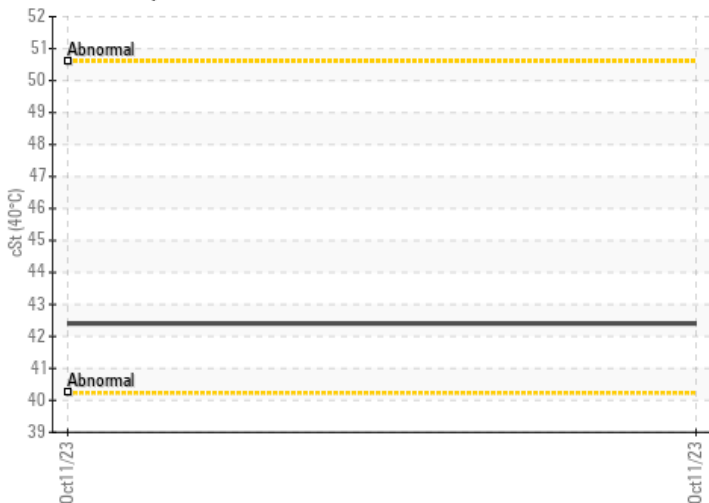
▲ Ferrous Alloys



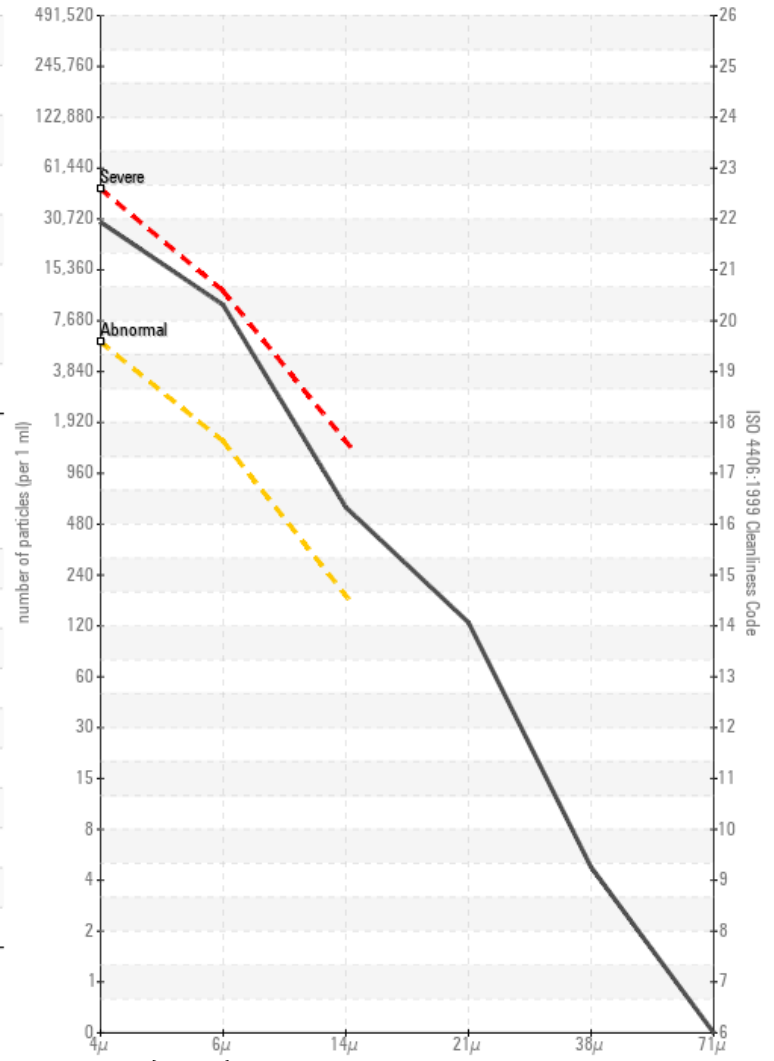
Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count



Acid Number

