



CONSTRUCTION EQUIPMENT

519518 ALTER QUINCY SENNEBOGEN 825 825.0.4093 - HYDRAULIC SYSTEM



Sample No: VCP438325
Oil Type: SHELL AW HYDRAULIC S2 46
Job No: 519518 ALTER QUINCY



SAMPLE INFORMATION

Sample Number	VCP438325	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	193	---	---	---
Oil Hours	193	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: JUSTIN PERRY
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T: (309)533-9285
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.20	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 2751	---	---	---
Particles >6µm		■ 564	---	---	---
Particles >14µm		■ 30	---	---	---
ISO 4406:1999 (c)		19/16/12	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

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. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



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	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1376	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 720	---	---	---
Phosphorus	ppm	■ 625	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO5054
Unique No: 10968978
Signed: Don Baldrige
Report Date: 12 Apr 2024

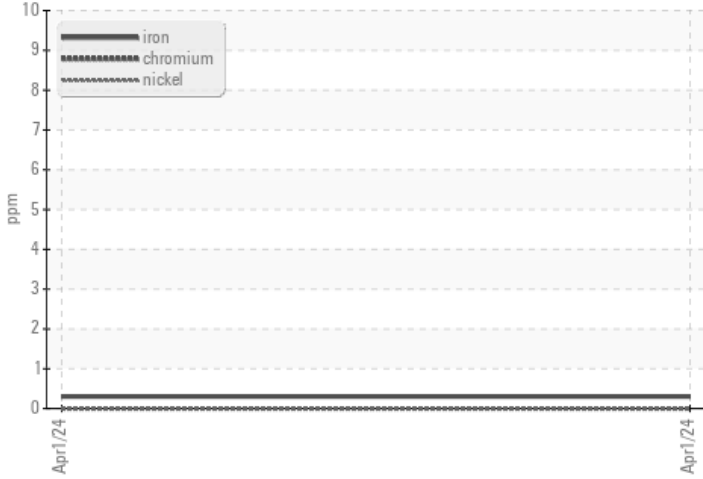


CONSTRUCTION EQUIPMENT

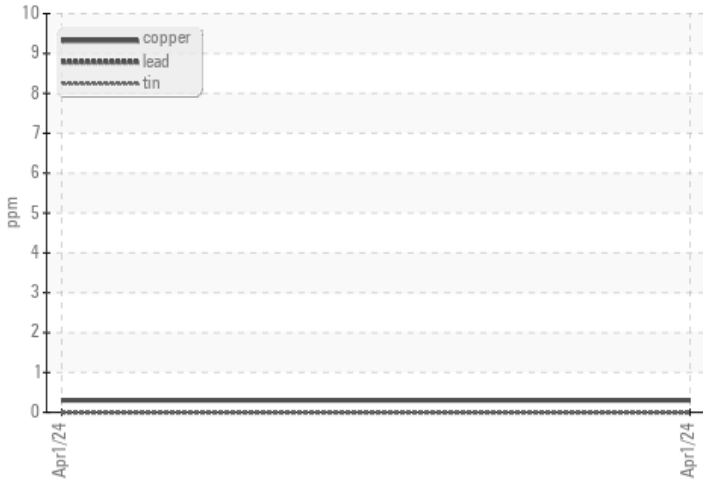


GRAPHS

Ferrous Alloys



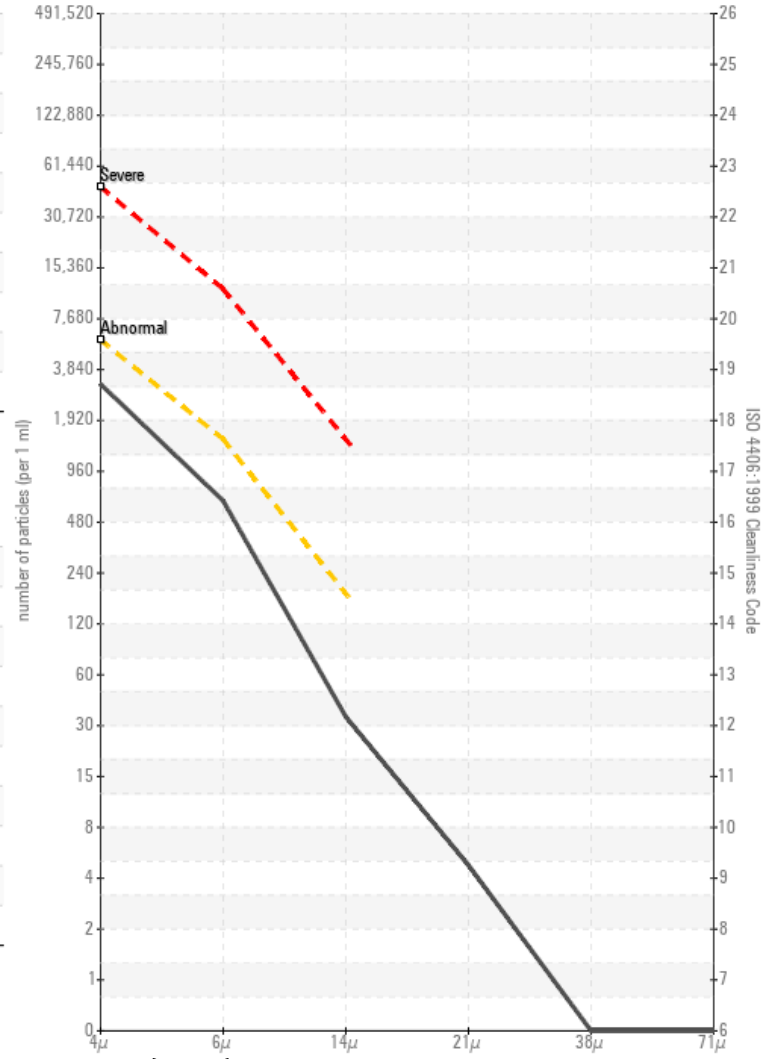
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

