



CONSTRUCTION EQUIPMENT

SPM674034 SENNEBOGEN 835E 835.0.3239 - HYDRAULIC SYSTEM



Sample No: VCP429209
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SPM674034



SAMPLE INFORMATION

Sample Number	VCP429209	---	---	---
Sample Date	15 Feb 2024	---	---	---
Machine Hours	991	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

BELSON STEEL

1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
mpozan@belsonsteel.com
T: (815)932-7416
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 38.4	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.15	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 10025	---	---	---
Particles >6µm		■ 611	---	---	---
Particles >14µm		■ 15	---	---	---
ISO 4406:1999 (c)		21/16/11	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 6 microns in size) present 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	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1199	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 707	---	---	---
Phosphorus	ppm	■ 537	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: BELBOU
Unique No: 10899791
Signed: Jonathan Hester
Report Date: 29 Feb 2024

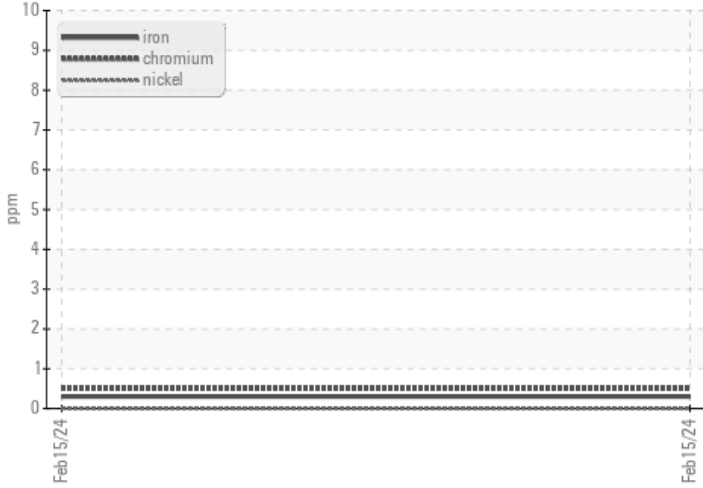


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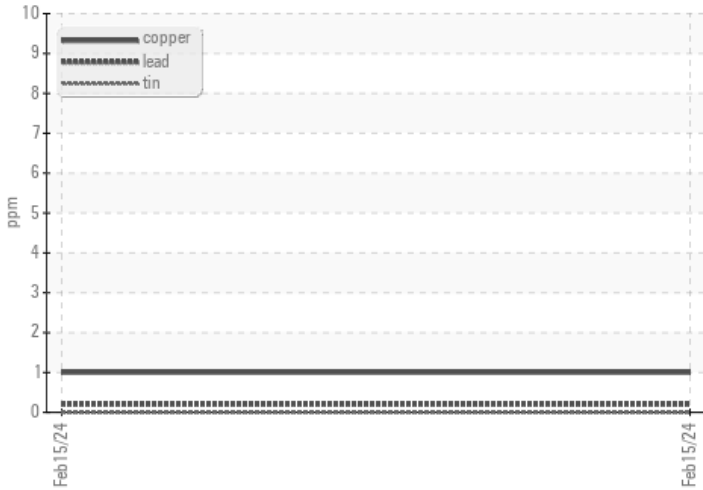


VOLVO GRAPHS

Ferrous Alloys



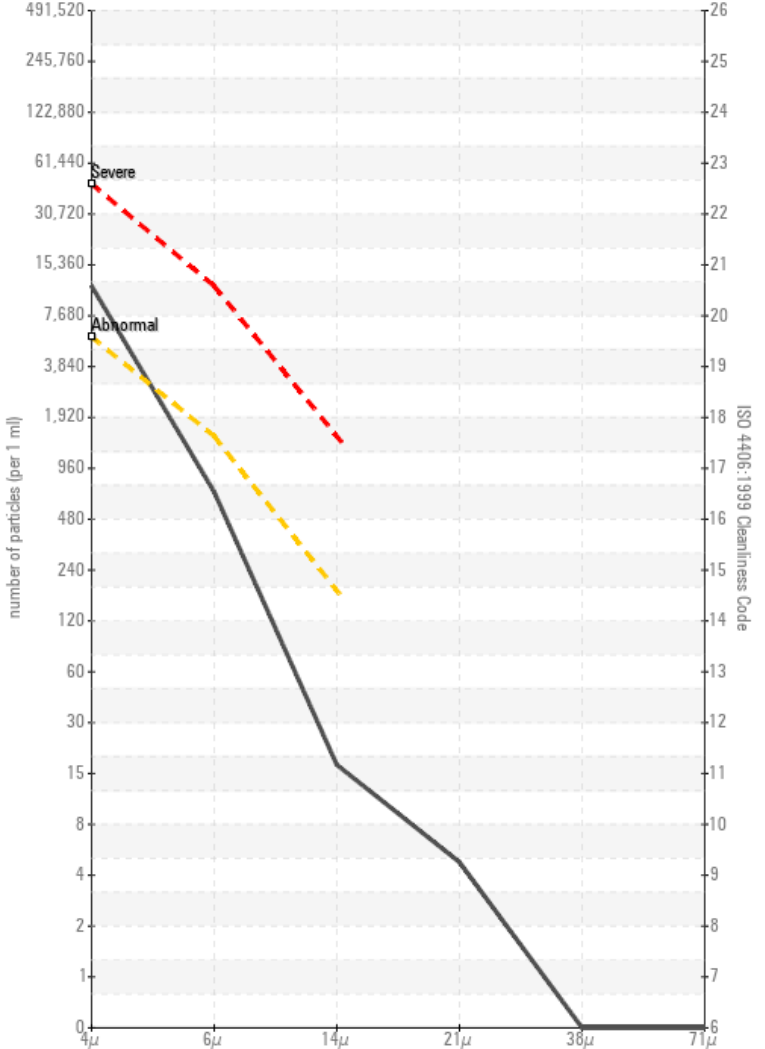
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

