



CONSTRUCTION EQUIPMENT

X58863 MALLIBAMTON JOHN DEERE 844K 630891 - HYDRAULIC SYSTEM



Sample No: VCP426011
Oil Type: NOT GIVEN
Job No: X58863 MALLIBAMTON



SAMPLE INFORMATION

Sample Number	VCP426011	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	15977	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 58.2	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.87	---	---	---



CONTAMINATION

Particles >4µm		▲ 19811	---	---	---
Particles >6µm		▲ 1745	---	---	---
Particles >14µm		■ 64	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

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 < 14 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	■ 8	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2025	---	---	---
Magnesium	ppm	85	---	---	---
Zinc	ppm	1186	---	---	---
Phosphorus	ppm	1031	---	---	---
Barium	ppm	12	---	---	---
Boron	ppm	13	---	---	---

Depot: SCOSAI
Unique No: 10742030
Signed: Don Baldrige
Report Date: 17 Nov 2023

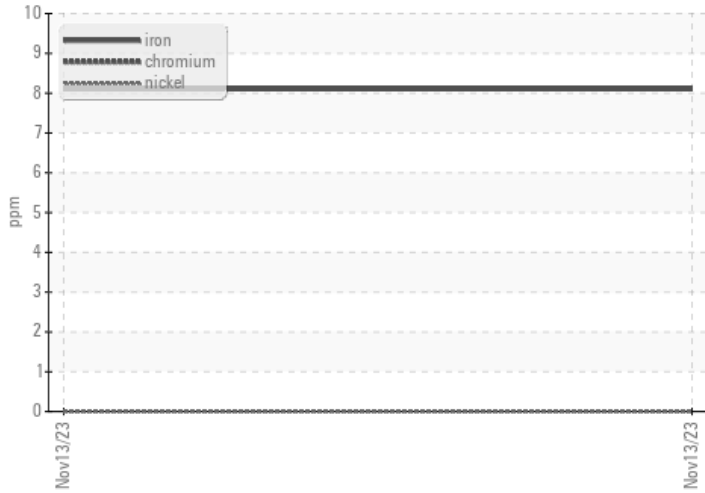


CONSTRUCTION EQUIPMENT

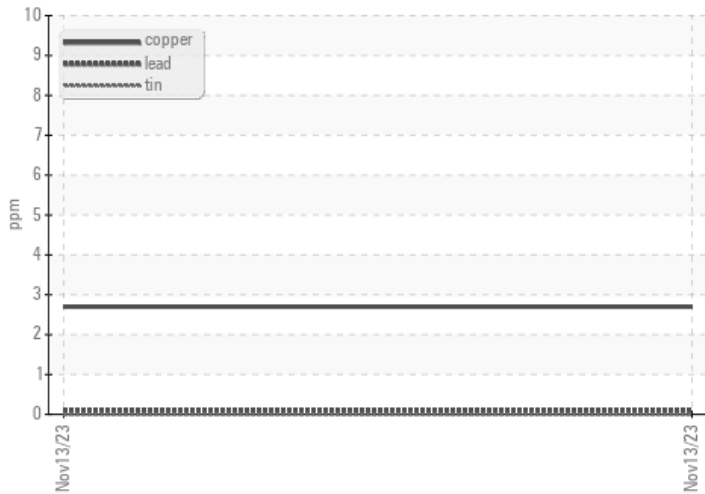


GRAPHS

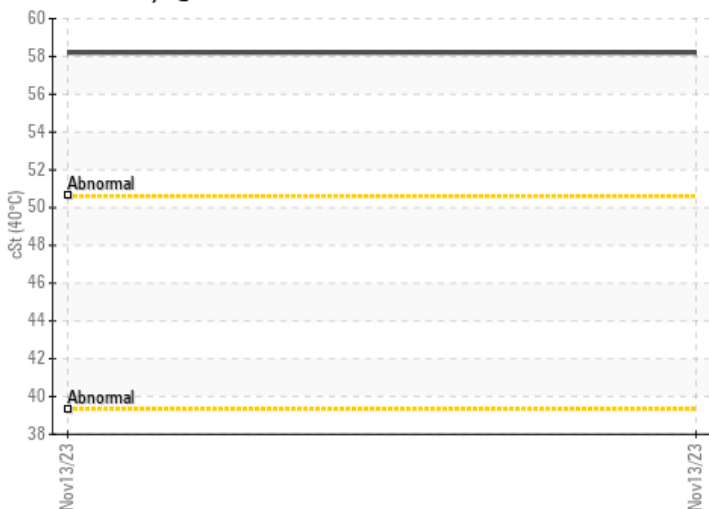
Ferrous Alloys



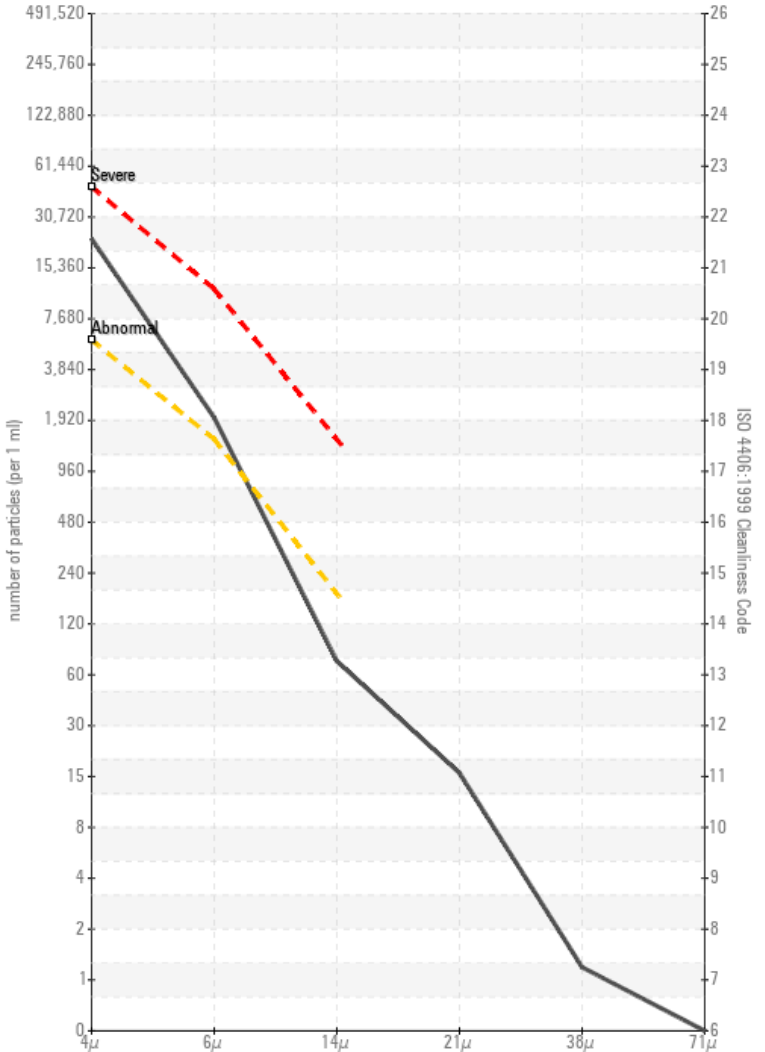
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

