



CONSTRUCTION EQUIPMENT

X58730 TADANO GR1000XL-4 RA1113 - HYDRAULIC SYSTEM



Sample No: VCP405791

Oil Type: NOT GIVEN

Job No: X58730



SAMPLE INFORMATION

Sample Number	VCP405791	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	2249	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 F: (504)461-0970



OIL CONDITION

Visc @ 40°C	cSt	■ 34.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.22	---	---	---



CONTAMINATION

Particles >4µm		▲ 12078	---	---	---
Particles >6µm		▲ 2313	---	---	---
Particles >14µm		■ 73	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

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



ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	652	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: SCOSAI
Unique No: 10714234
Signed: Don Baldrige
Report Date: 30 Oct 2023

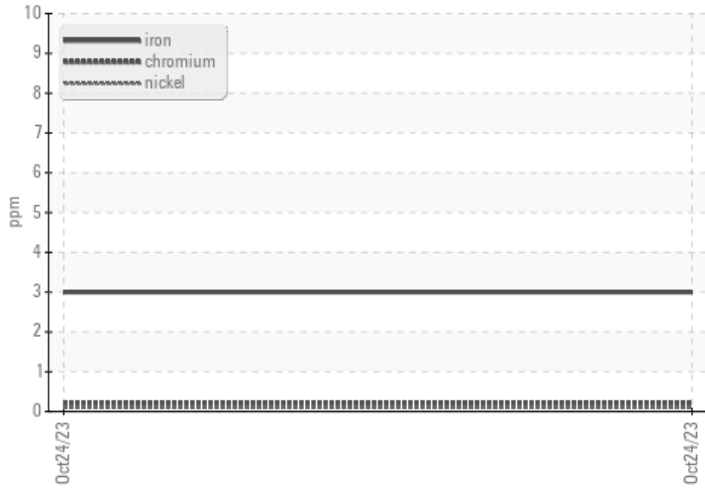


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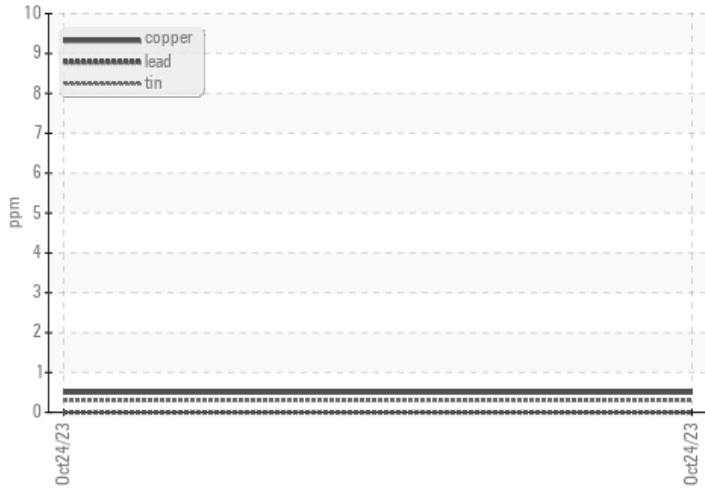


GRAPHS

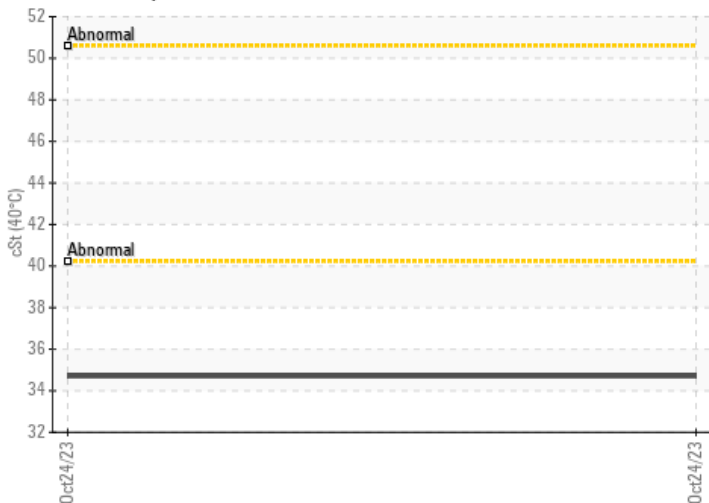
Ferrous Alloys



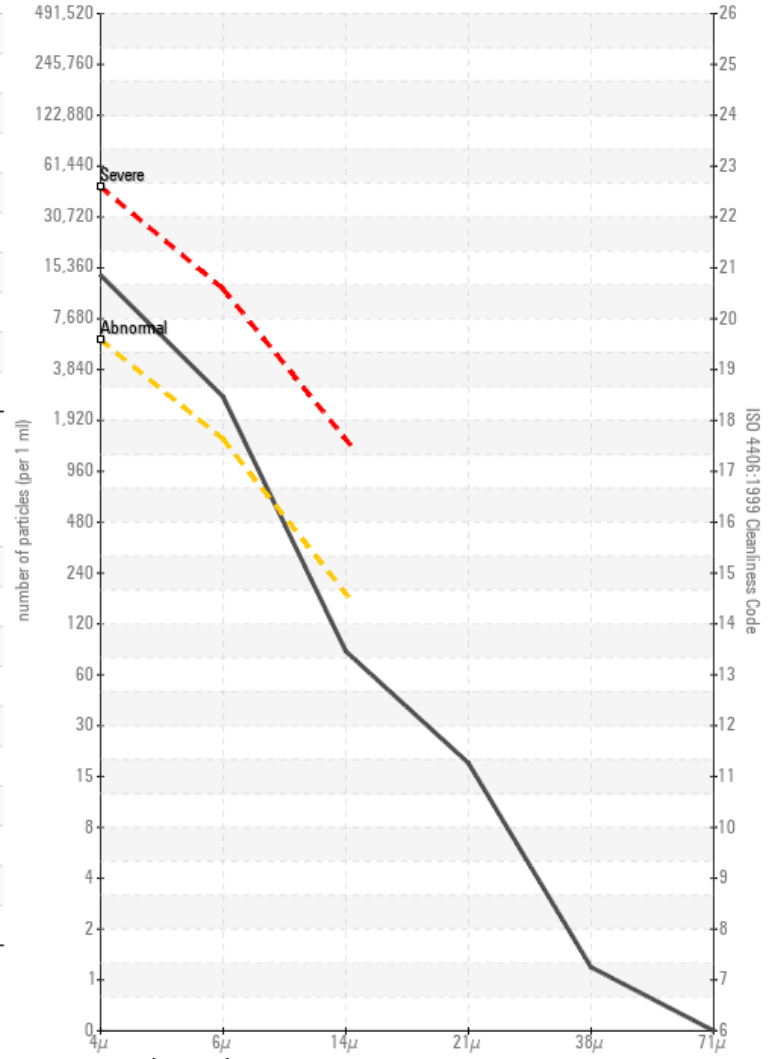
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

