



CONSTRUCTION EQUIPMENT

X59122 TADANO GR350 562344 - HYDRAULIC SYSTEM



Sample No: VCP441138
Oil Type: {unknown}
Job No: X59122



SAMPLE INFORMATION

Sample Number	VCP441138	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	1959	---	---	---
Oil Hours	1959	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 35.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.22	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 27273	---	---	---
Particles >6µm		▲ 2792	---	---	---
Particles >14µm		█ 96	---	---	---
ISO 4406:1999 (c)		22/19/14	---	---	---
Silicon	ppm	█ 0	---	---	---
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	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	<1	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	28	---	---	---
Phosphorus	ppm	614	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Depot: SCOSAI
Unique No: 10845009
Signed: Don Baldrige
Report Date: 25 Jan 2024

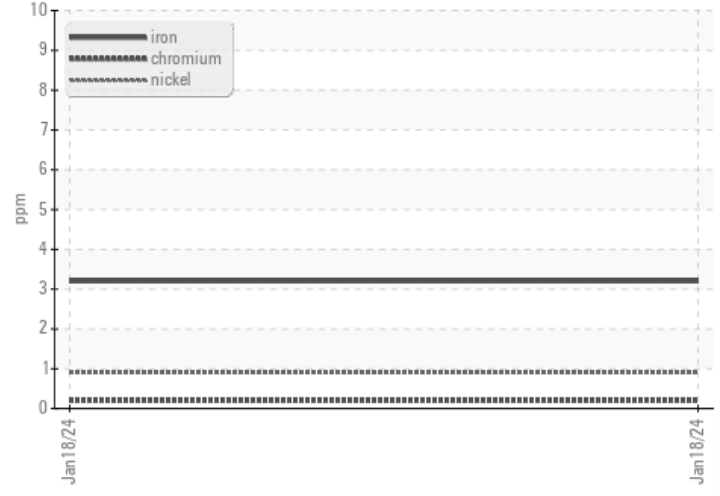


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GRAPHS

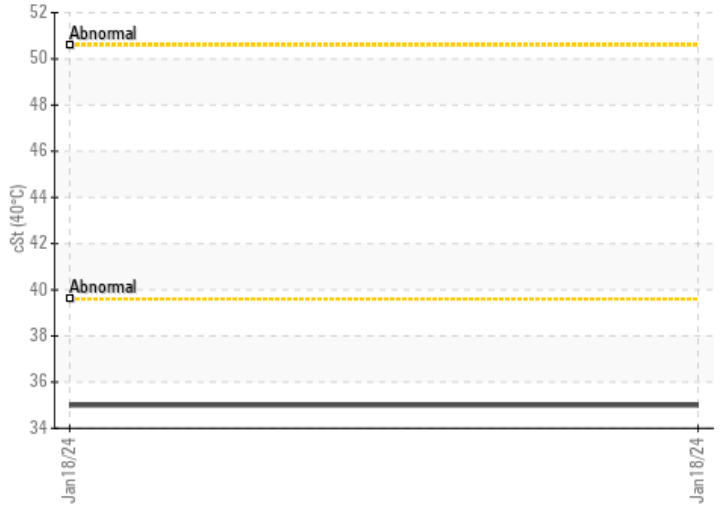
Ferrous Alloys



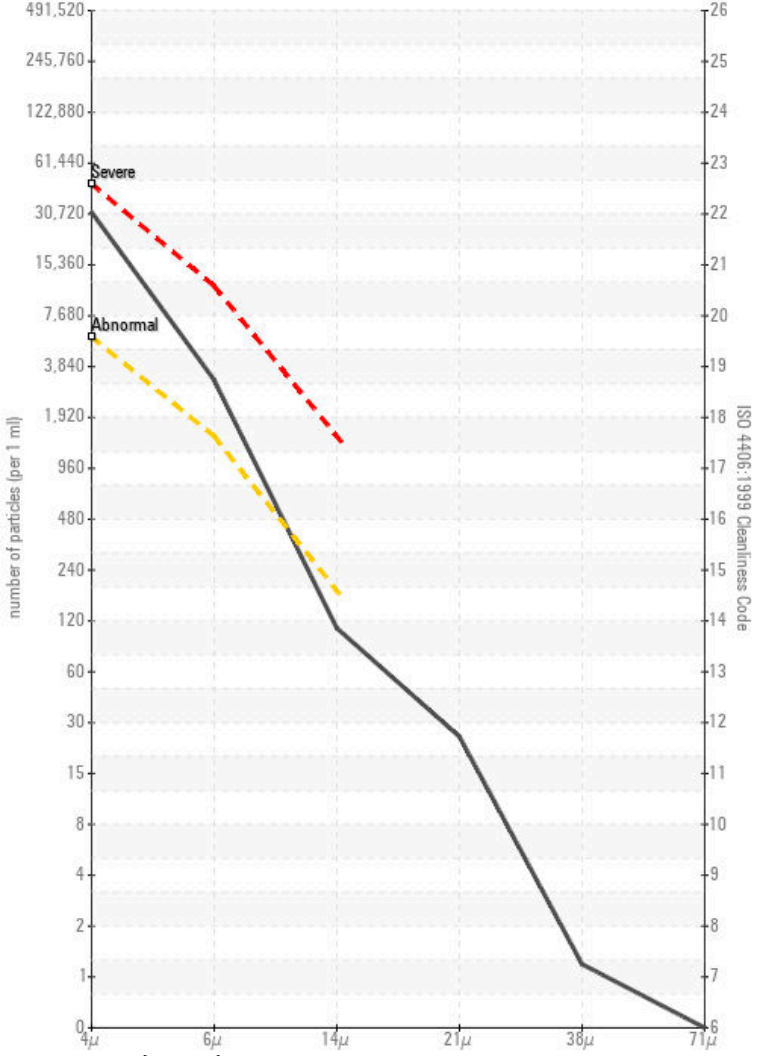
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

