



# CONSTRUCTION EQUIPMENT

## X59019 TADANO GR1600XL-3 FE5335 - HYDRAULIC SYSTEM



**Sample No:** VCP427284

**Oil Type:** {unknown}

**Job No:** X59019



### SAMPLE INFORMATION

Sample Number	VCP427284	VCP379270	---	---
Sample Date	04 Jan 2024	30 Aug 2022	---	---
Machine Hours	2180	1036	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ATTENTION	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 34.6	█ 34.6	---	---
Acid Number (AN)	mg KOH/g	█ 0.22	█ 0.22	---	---



### CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		▲ 13564	▲ 5429	---	---
Particles >6µm		▲ 3903	█ 770	---	---
Particles >14µm		▲ 286	█ 82	---	---
ISO 4406:1999 (c)		21/19/15	20/17/14	---	---
Silicon	ppm	█ <1	█ <1	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 0	█ <1	---	---

### Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	<1	3	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	4	24	---	---
Phosphorus	ppm	633	619	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

**Depot:** SCOSAI  
**Unique No:** 10822550  
**Signed:** Wes Davis  
**Report Date:** 11 Jan 2024

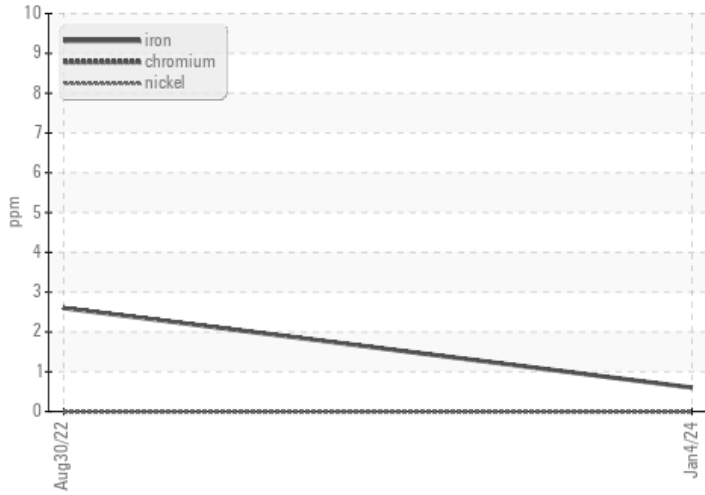


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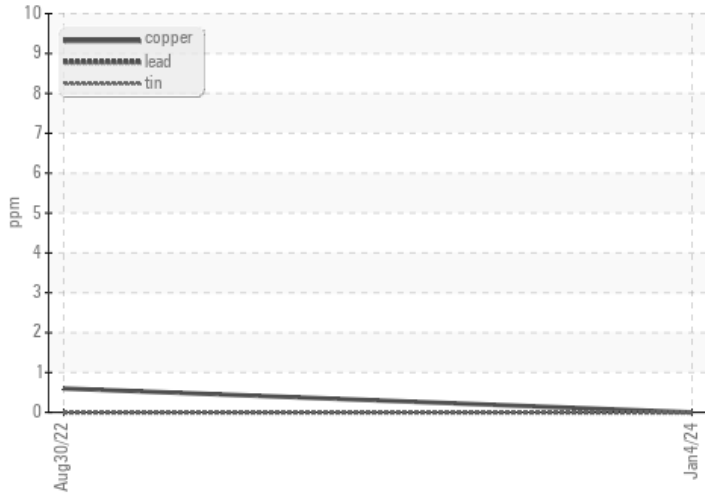


## GRAPHS

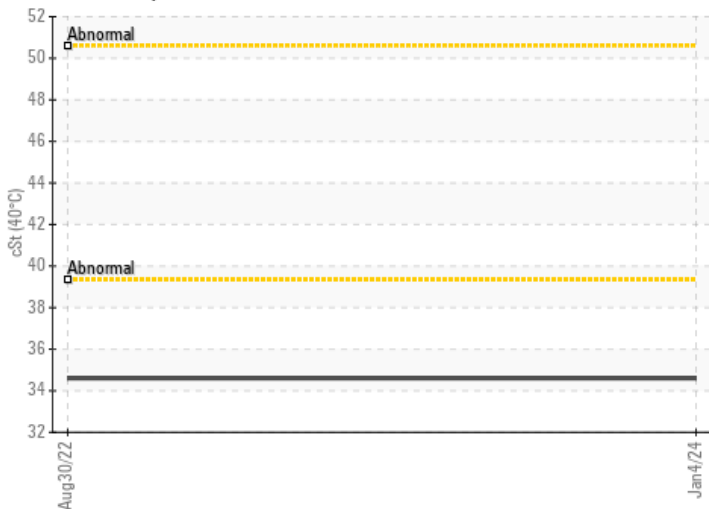
### Ferrous Alloys



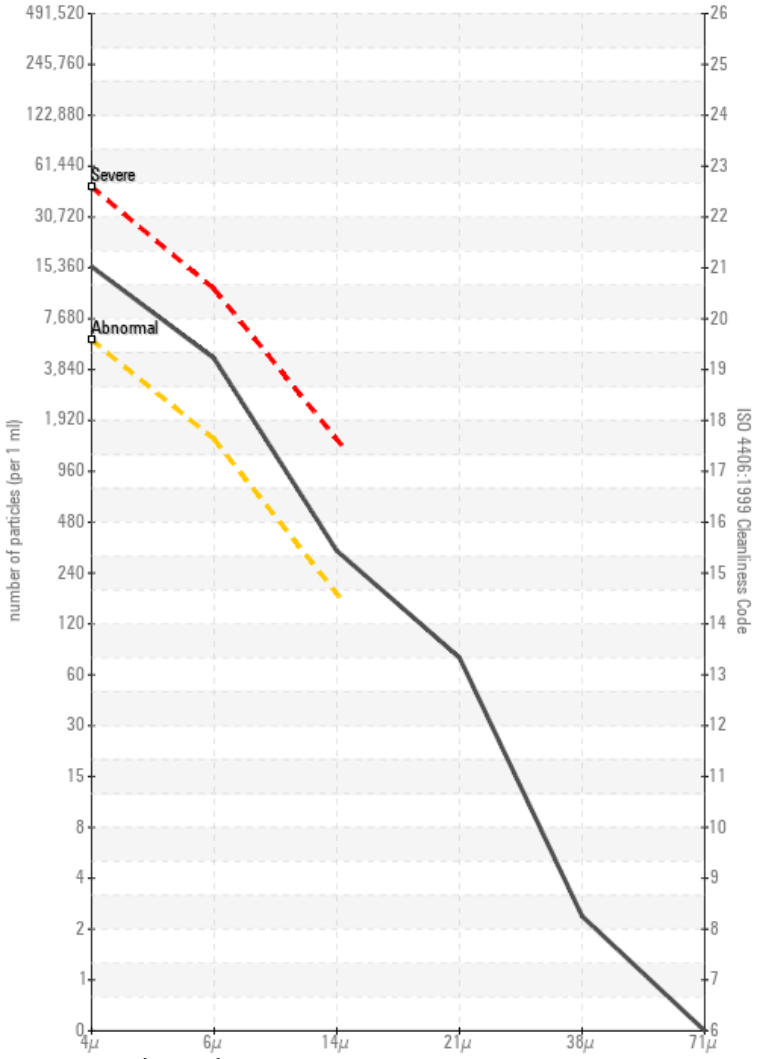
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

