



CONSTRUCTION EQUIPMENT

716809 TAKEUCHI TL10V2 410006468 - HYDRAULIC SYSTEM



Sample No: VCP453660
Oil Type: VOLVO VDS-4.5 Premium Motor Oil 10W30
Job No: 716809



SAMPLE INFORMATION

Sample Number	VCP453660	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	946	---	---	---
Oil Hours	946	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ADAMO DEMOLITION COMPANY
 320 EAST 7 MILE RD
 DETROIT, MI
 US 48203
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	█ 46.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.05	---	---	---

T:
F:

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 8002	---	---	---
Particles >6µm		█ 488	---	---	---
Particles >14µm		█ 27	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light 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	█ 5	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2582	---	---	---
Magnesium	ppm	26	---	---	---
Zinc	ppm	797	---	---	---
Phosphorus	ppm	667	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	28	---	---	---

Depot: ADADET
Unique No: 11048879
Signed: Wes Davis
Report Date: 29 May 2024

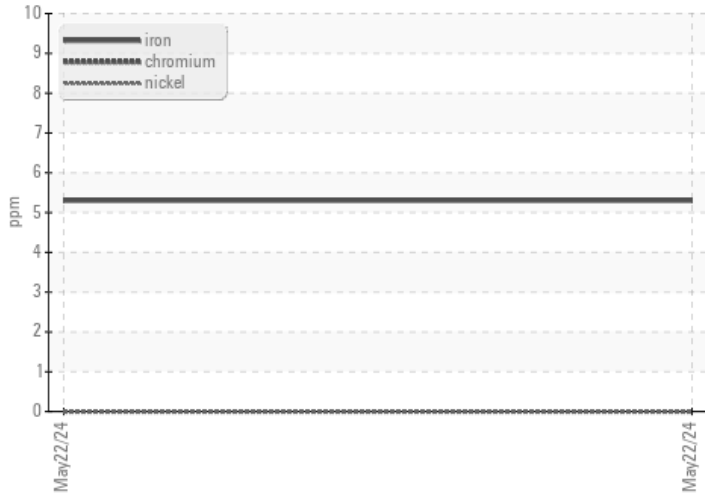


CONSTRUCTION EQUIPMENT

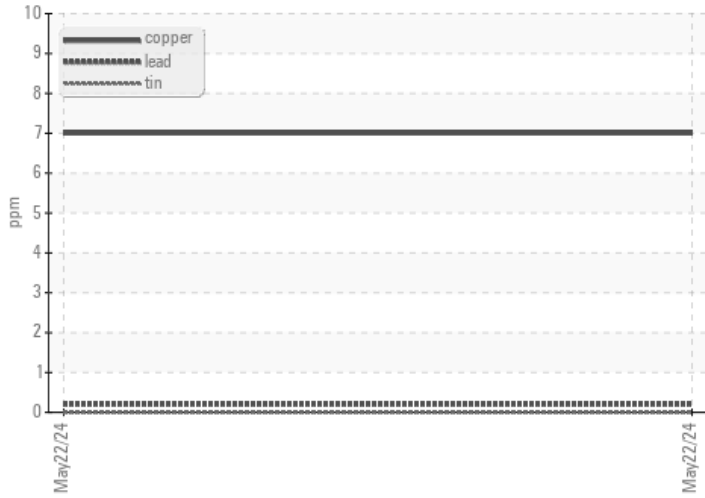


GRAPHS

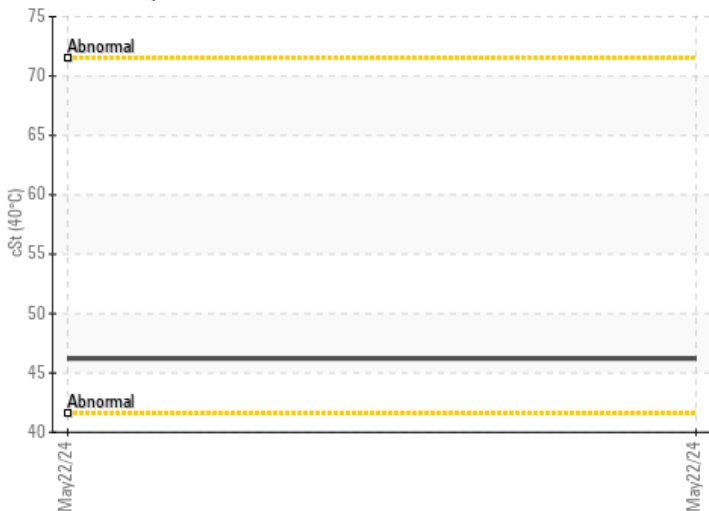
Ferrous Alloys



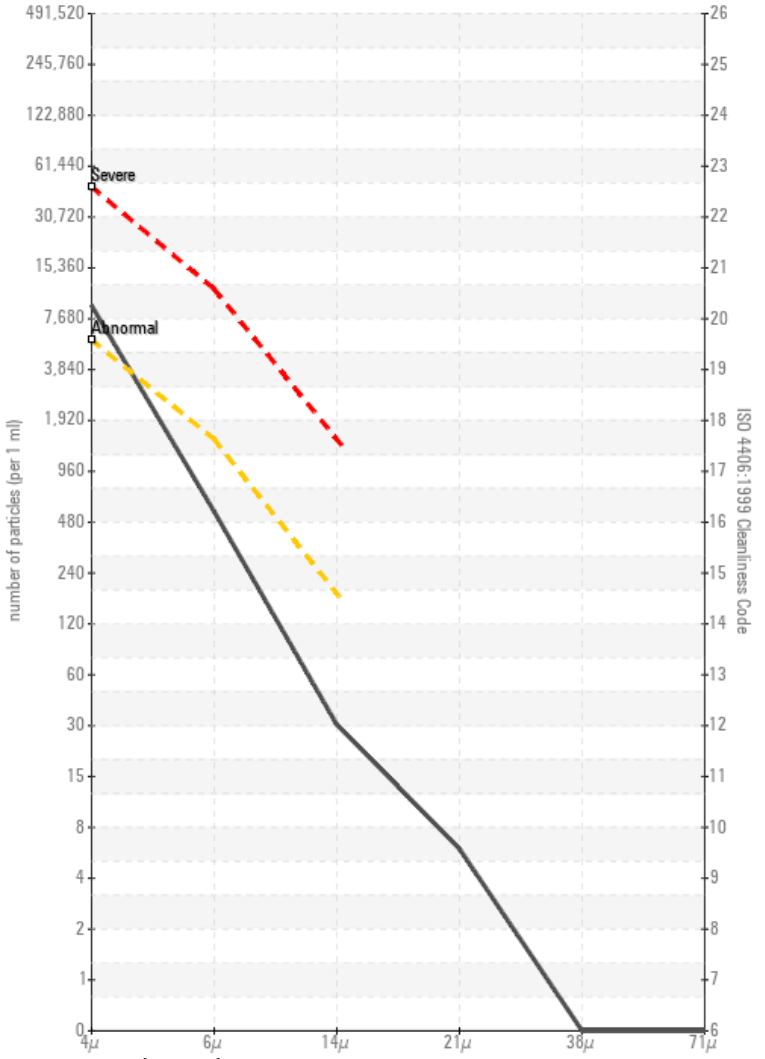
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

