



CONSTRUCTION EQUIPMENT

687032 TB290 185109863 - HYDRAULIC SYSTEM



Sample No: VCP438370
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 687032



SAMPLE INFORMATION

Sample Number	VCP438370	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	1029	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	█ 45.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.14	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 5657	---	---	---
Particles >6µm		● 1725	---	---	---
Particles >14µm		● 161	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 moderate amount of particulates 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	█ 0	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 38	---	---	---
Phosphorus	ppm	█ 286	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0093
Unique No: 10941172
Signed: Don Baldrige
Report Date: 26 Mar 2024

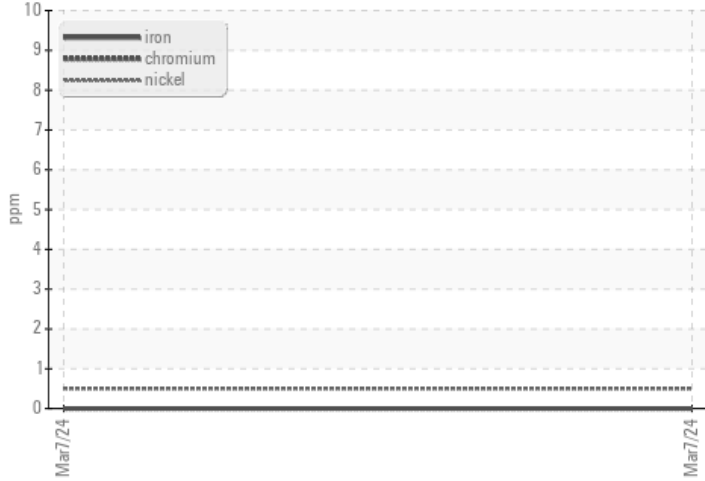


CONSTRUCTION EQUIPMENT

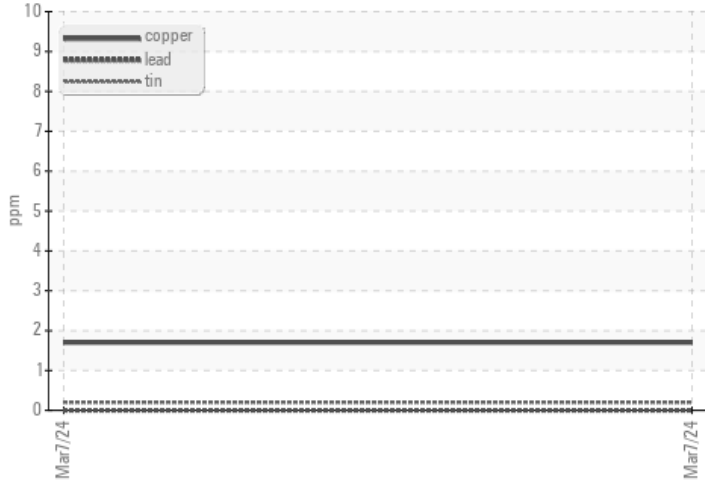


VOLVO GRAPHS

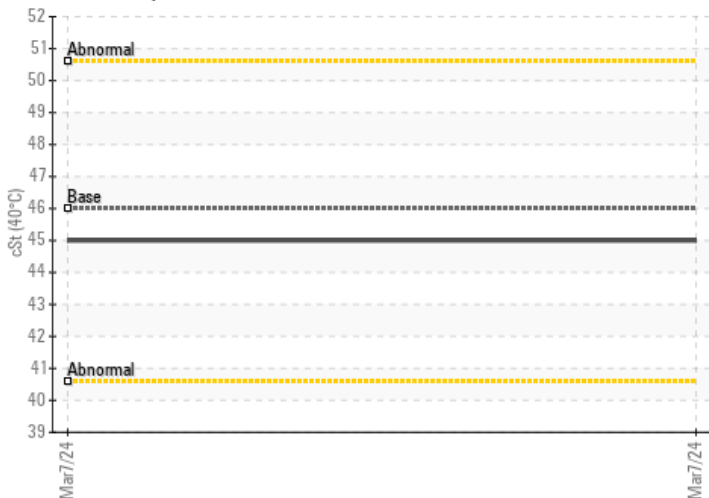
Ferrous Alloys



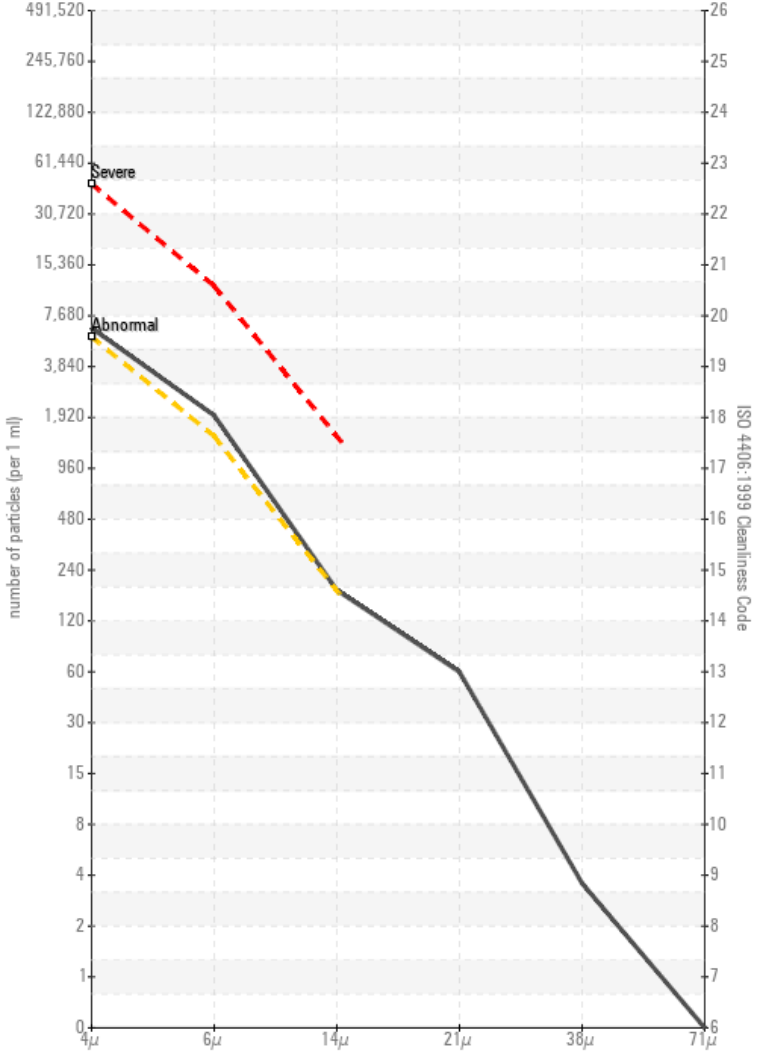
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

