

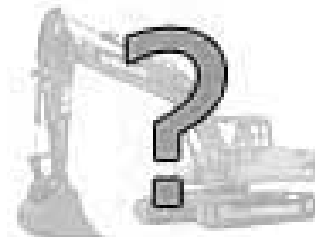


CONSTRUCTION EQUIPMENT

606853 ALTA RENTS TAKEUCHI TL12 412102613 - HYDRAULIC SYSTEM



Sample No: VCP432744
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 606853 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP432744	---	---	---
Sample Date	13 Sep 2023	---	---	---
Machine Hours	1409	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720

OIL CONDITION

Visc @ 40°C	cSt	▲ 57.22	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.67	---	---	---

CONTAMINATION

Particles >4µm		■ 3486	---	---	---
Particles >6µm		■ 1176	---	---	---
Particles >14µm		■ 126	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 16	---	---	---

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 no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The oil viscosity is higher than normal. Confirm oil type. The AN level is acceptable for this fluid.

WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 25	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1087	---	---	---
Magnesium	ppm	■ 185	---	---	---
Zinc	ppm	■ 536	---	---	---
Phosphorus	ppm	■ 470	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 29	---	---	---

Depot: VOLVO0096
Unique No: 10657622
Signed: Jonathan Hester
Report Date: 27 Sep 2023

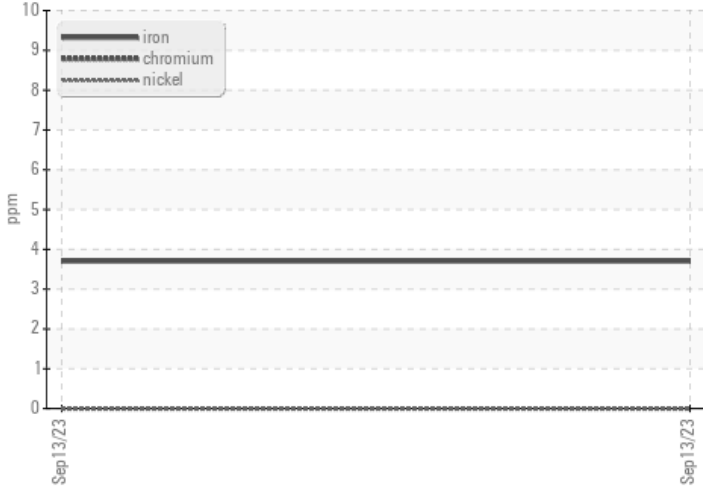


CONSTRUCTION EQUIPMENT

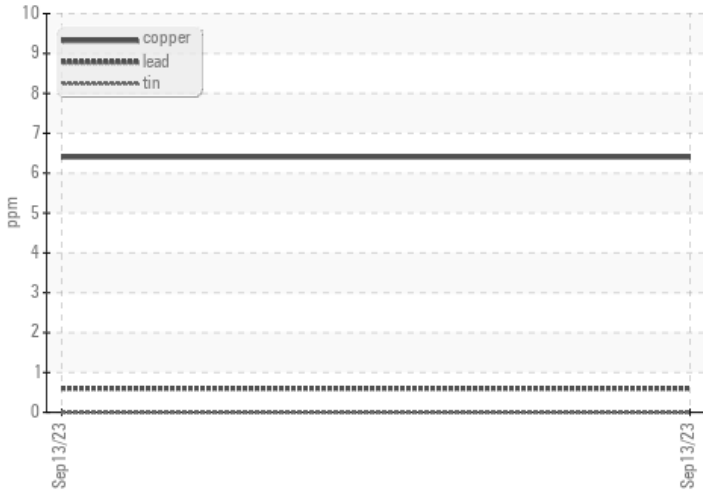


GRAPHS

Ferrous Alloys



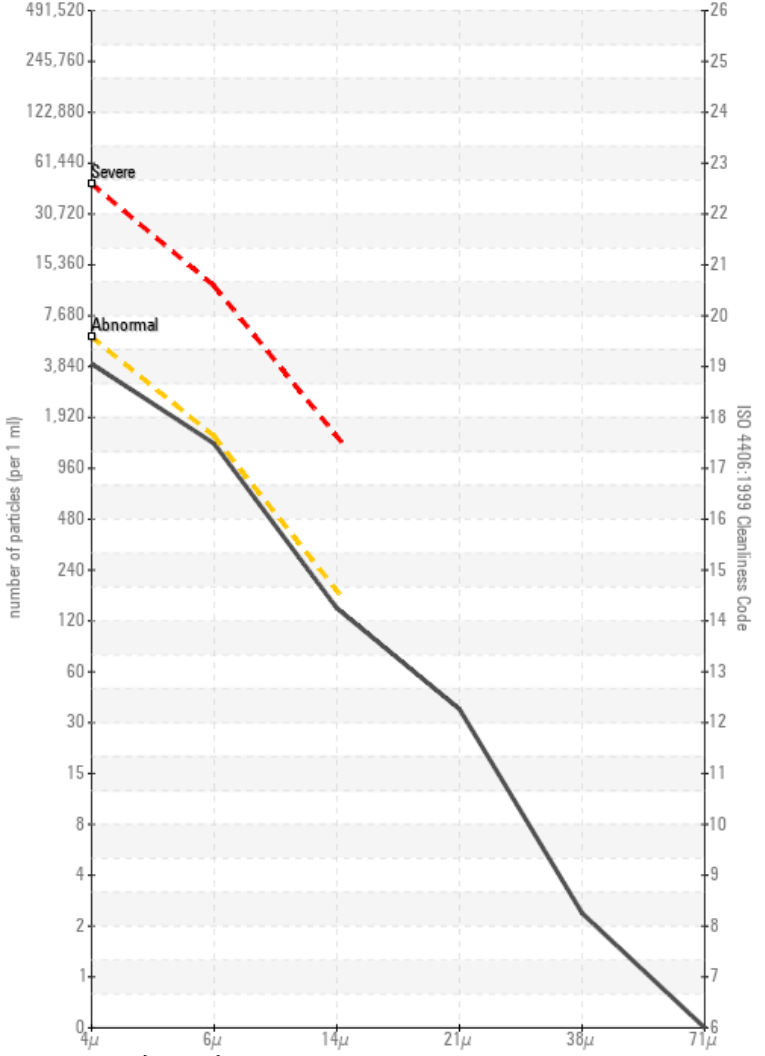
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

