



CONSTRUCTION EQUIPMENT

X48266 KUBOTA SVL97-2 F77105 - HYDRAULIC SYSTEM



Sample No: VCP454735
Oil Type: FIRE-RESISTANT FLUID ISO 46
Job No: X48266



SAMPLE INFORMATION

Sample Number	VCP454735	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	1280	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

C & D LANDFILL
 3516 CENTRAL PIKE
 HERMITAGE, TX
 US 37076
 Contact: KELLI PHILLIPS
 kdphillips@wcnx.org
 T: (615)708-0563
 F:

OIL CONDITION

Visc @ 40°C	cSt	█ 43.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.29	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 5341	---	---	---
Particles >6µm		● 1802	---	---	---
Particles >14µm		● 293	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

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 moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 69	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 115	---	---	---
Phosphorus	ppm	█ 337	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: CDLHER
Unique No: 11056039
Signed: Angela Borella
Report Date: 31 May 2024

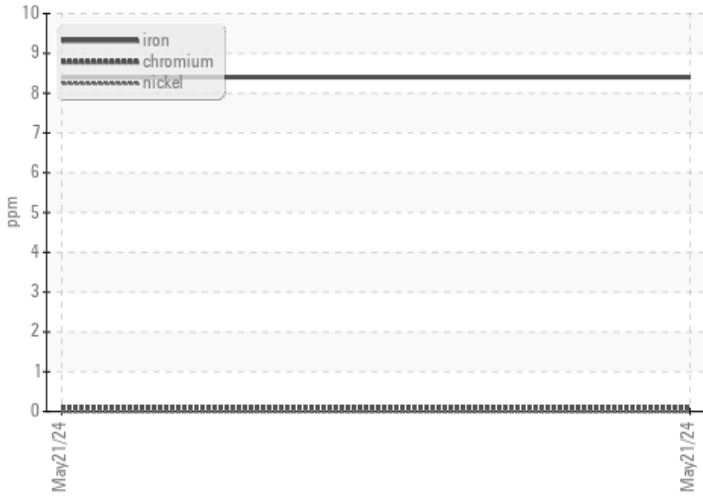


CONSTRUCTION EQUIPMENT

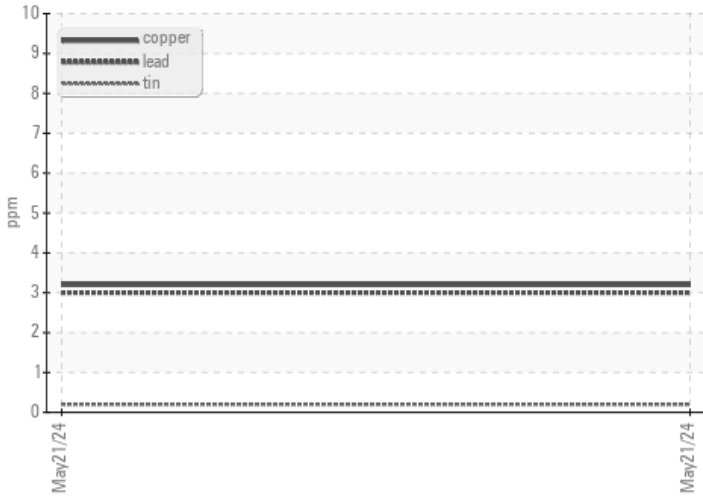


VOLVO GRAPHS

Ferrous Alloys



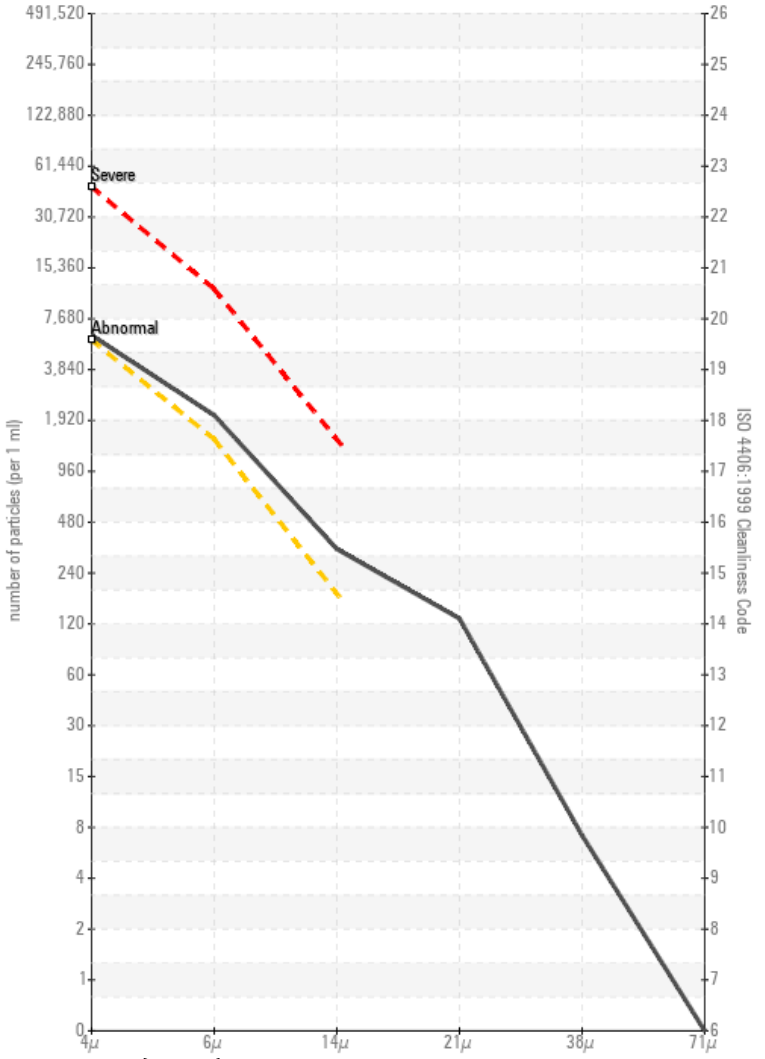
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

