



CONSTRUCTION EQUIPMENT

G08817 US SILICA VOLVO L180H 5460 - HYDRAULIC SYSTEM



Sample No: VCP453521
Oil Type: {unknown}
Job No: G08817 US SILICA



SAMPLE INFORMATION

Sample Number	VCP453521	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	10569	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

HOFFMAN EQUIPMENT - DEPTFORD
1330 HURFFVILLE ROAD
DEPTFORD, NJ
US 08096
Contact: TAMMY SANDORA
tammy.sandora@hoffmanequip.com
T: (856)227-6400
F: (856)227-0046



OIL CONDITION

Visc @ 40°C	cSt	█ 47.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.20	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 14393	---	---	---
Particles >6µm		▲ 3574	---	---	---
Particles >14µm		▲ 193	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a high 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	█ 6	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1282	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	752	---	---	---
Phosphorus	ppm	626	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	17	---	---	---

Depot: VOLVO8880
Unique No: 11059681
Signed: Don Baldrige
Report Date: 04 Jun 2024

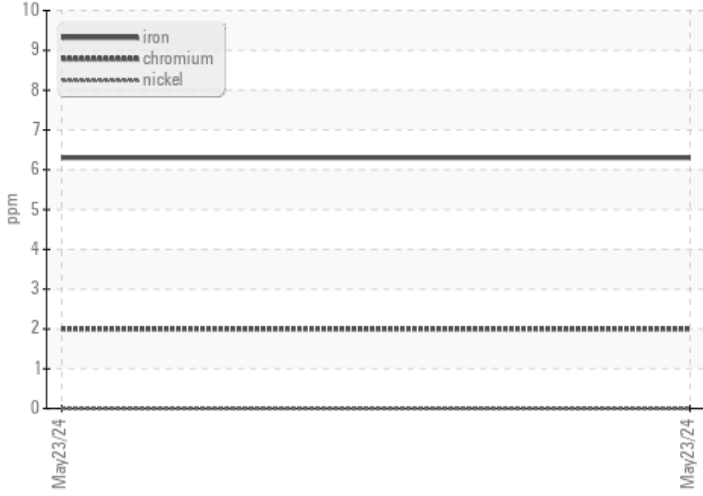


CONSTRUCTION EQUIPMENT

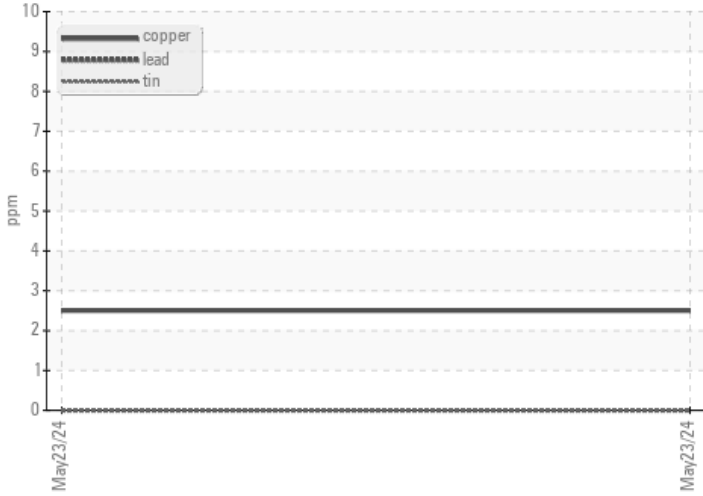


GRAPHS

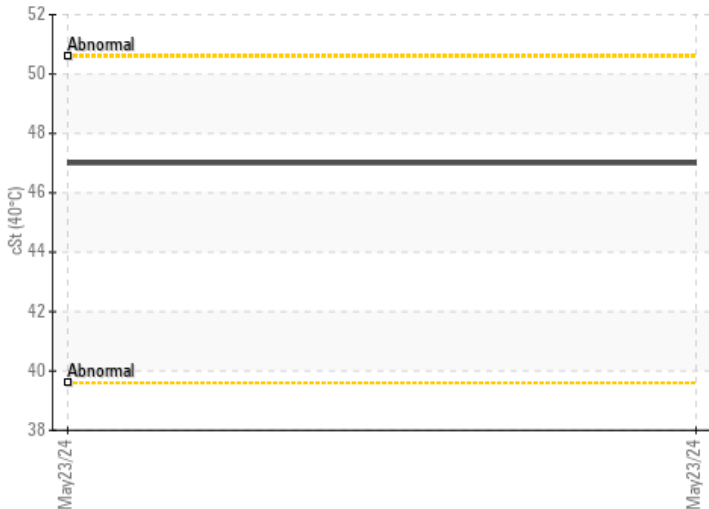
Ferrous Alloys



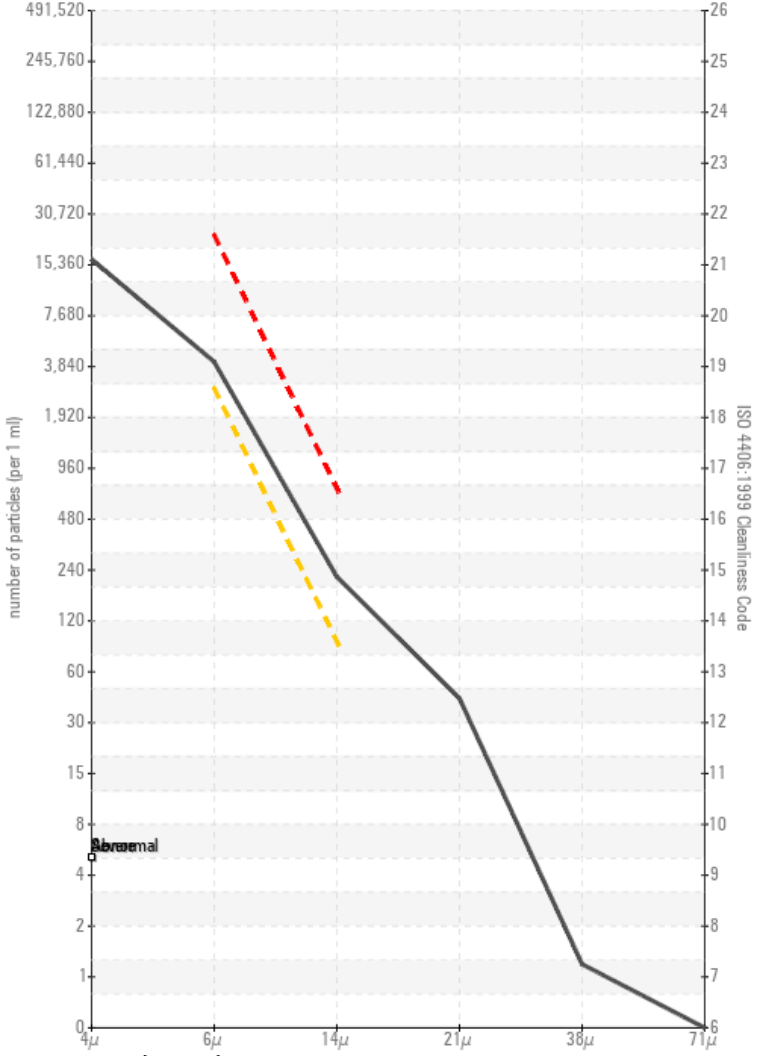
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

