



CONSTRUCTION EQUIPMENT

G08834 BCI-BLACKWOOD VOLVO A40D 12347 - HYDRAULIC SYSTEM



Sample No: VCP452329
Oil Type: {unknown}
Job No: G08834 BCI-BLACKWOOD



HOFFMAN EQUIPMENT - DEPTFORD
1330 HURFFVILLE ROAD
DEPTFORD, NJ
US 08096
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SAMPLE INFORMATION

Sample Number	VCP452329	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	15592	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 46.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.73	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 54295	---	---	---
Particles >6µm		● 9979	---	---	---
Particles >14µm		█ 102	---	---	---
ISO 4406:1999 (c)		23/20/14	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2415	---	---	---
Magnesium	ppm	197	---	---	---
Zinc	ppm	1232	---	---	---
Phosphorus	ppm	1039	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	76	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate 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.

Depot: VOLVO8880
Unique No: 11100008
Signed: Don Baldrige
Report Date: 28 Jun 2024

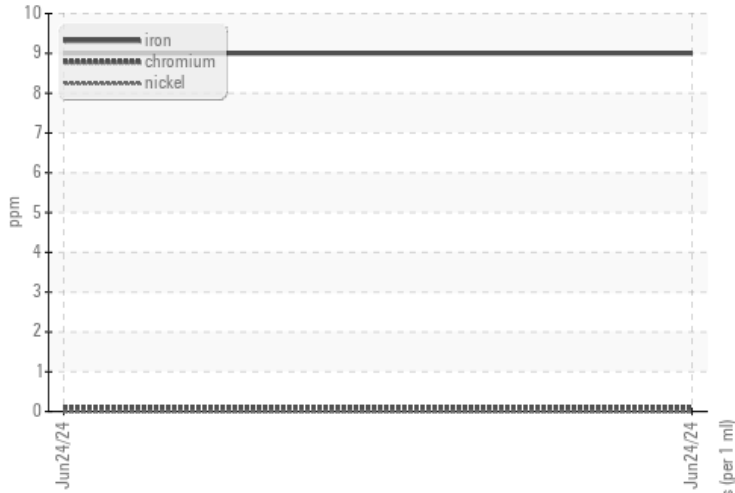


CONSTRUCTION EQUIPMENT

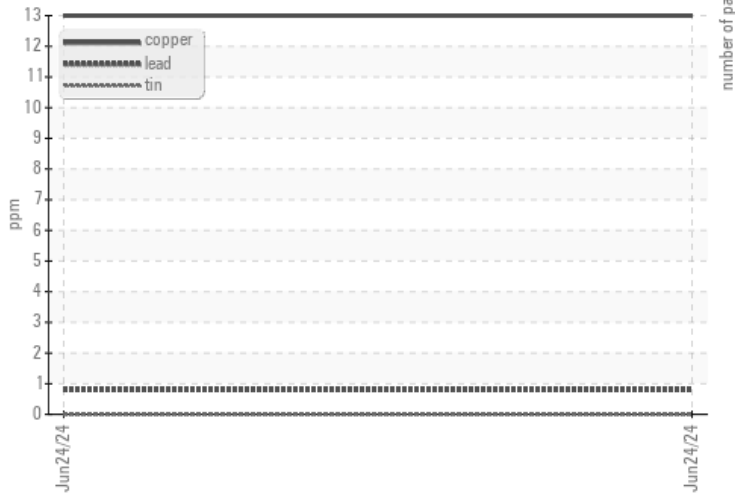


GRAPHS

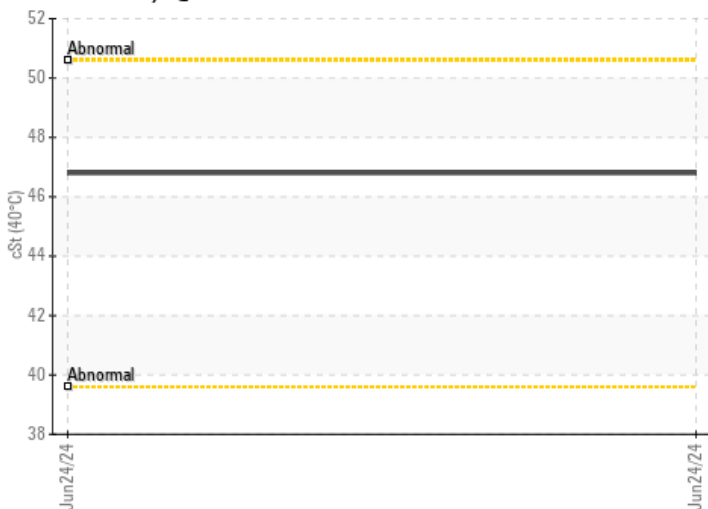
Ferrous Alloys



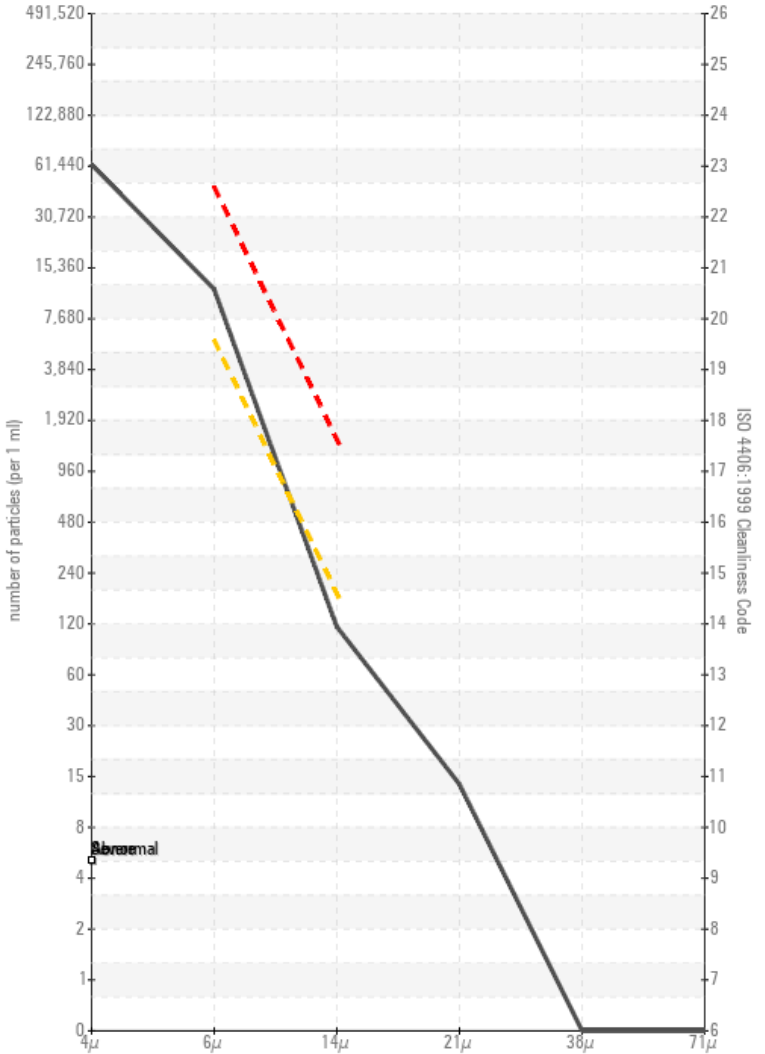
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

