



CONSTRUCTION EQUIPMENT

G08818 US SILICA VOLVO L220H 2545 - HYDRAULIC SYSTEM



Sample No: VCP453755
Oil Type: {unknown}
Job No: G08818 US SILICA



SAMPLE INFORMATION

Sample Number	VCP453755	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	19263	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

HOFFMAN EQUIPMENT - DEPTFORD
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DEPTFORD, NJ
US 08096
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OIL CONDITION

Visc @ 40°C	cSt	█ 49.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.51	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2082	---	---	---
Magnesium	ppm	33	---	---	---
Zinc	ppm	979	---	---	---
Phosphorus	ppm	820	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	49	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris 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: 11059682
Signed: Don Baldrige
Report Date: 04 Jun 2024

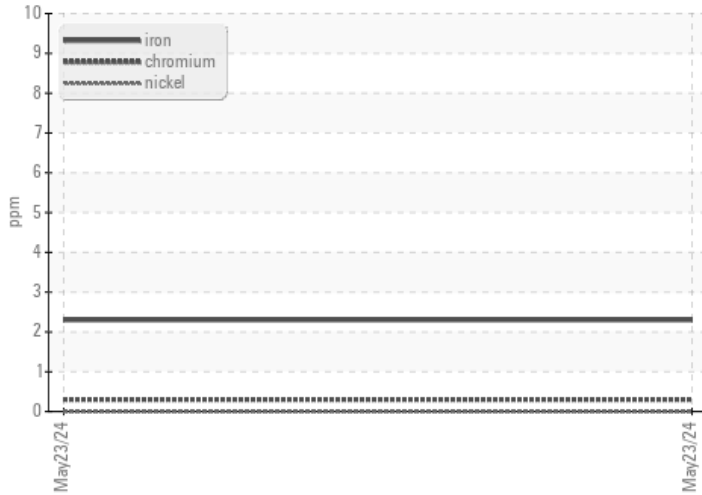


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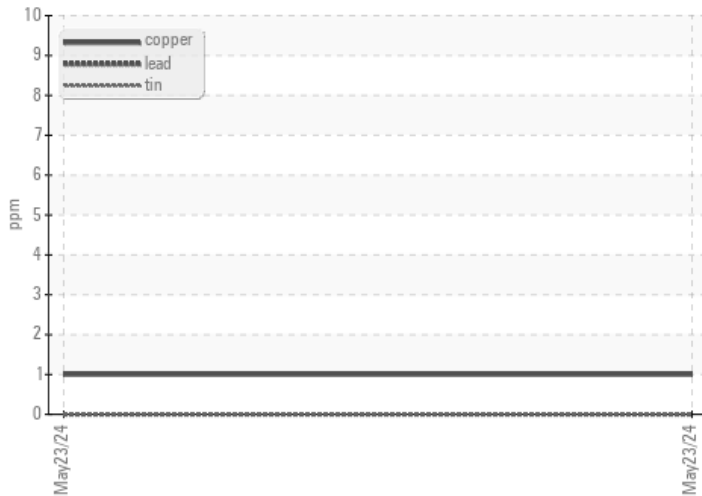


GRAPHS

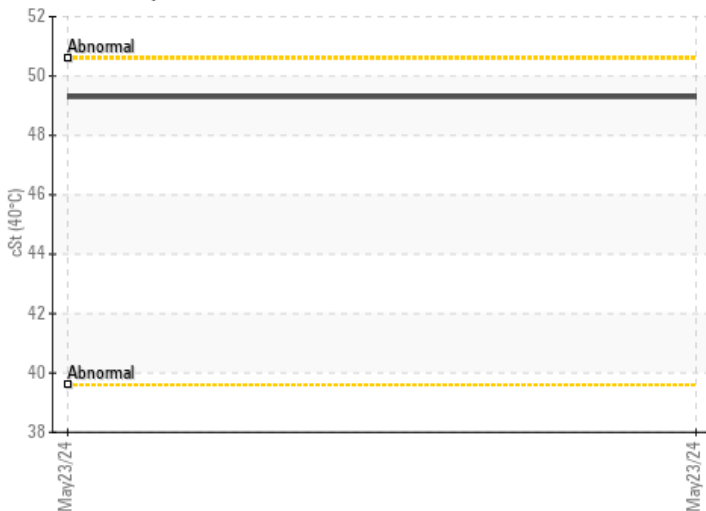
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

