



CONSTRUCTION EQUIPMENT

386207 GRAND VALLEY VOLVO L60H 621053 - HYDRAULIC SYSTEM



Sample No: VCP408489
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 386207 GRAND VALLEY



ALTA EQUIPMENT COMPANY- BYRON CENTER
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SAMPLE INFORMATION

Sample Number	VCP408489	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	2034	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 44.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.37	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 17167	---	---	---
Particles >6µm		▲ 3729	---	---	---
Particles >14µm		▲ 165	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	█ 77	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 432	---	---	---
Phosphorus	ppm	█ 327	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. 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 oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: VOLVO0046
Unique No: 10755443
Signed: Wes Davis
Report Date: 27 Nov 2023

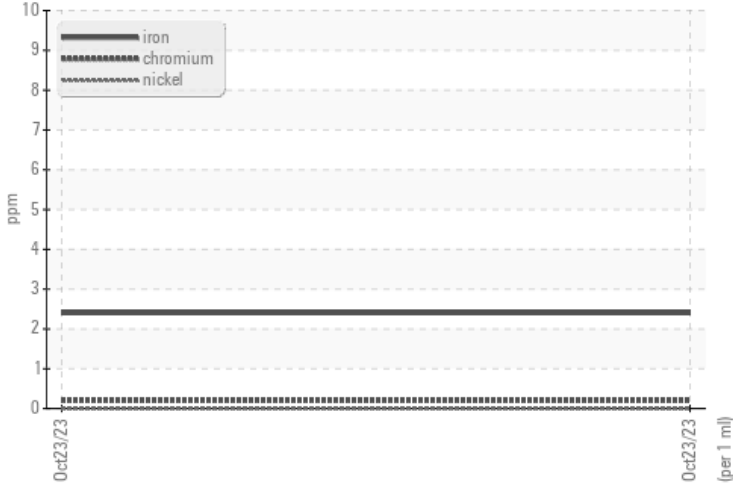


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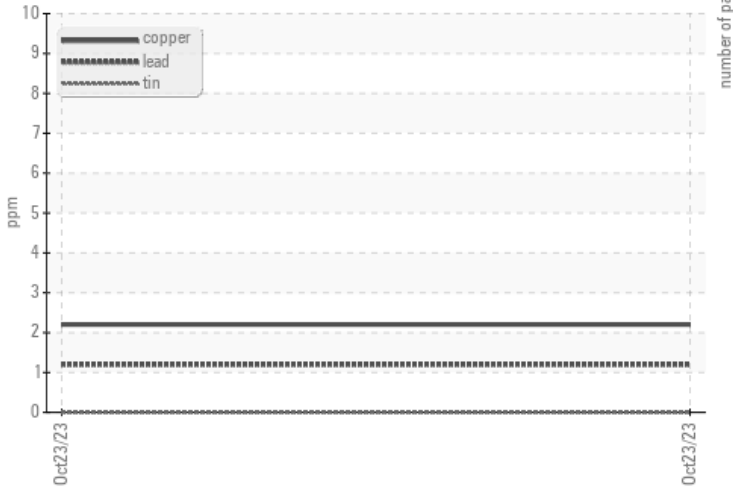


VOLVO GRAPHS

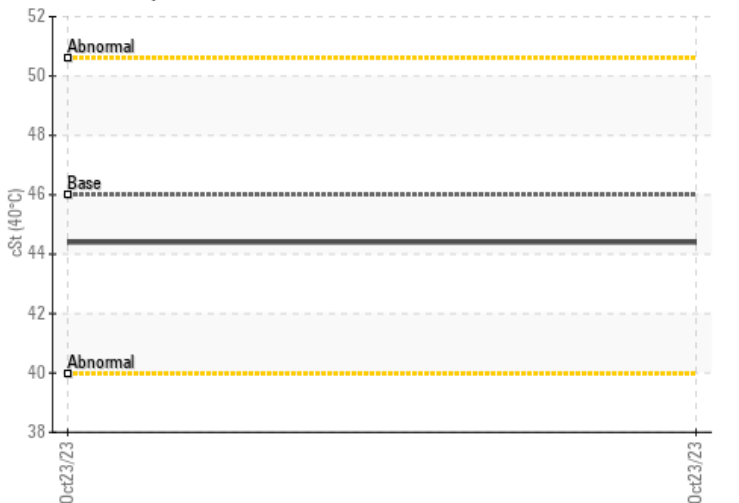
Ferrous Alloys



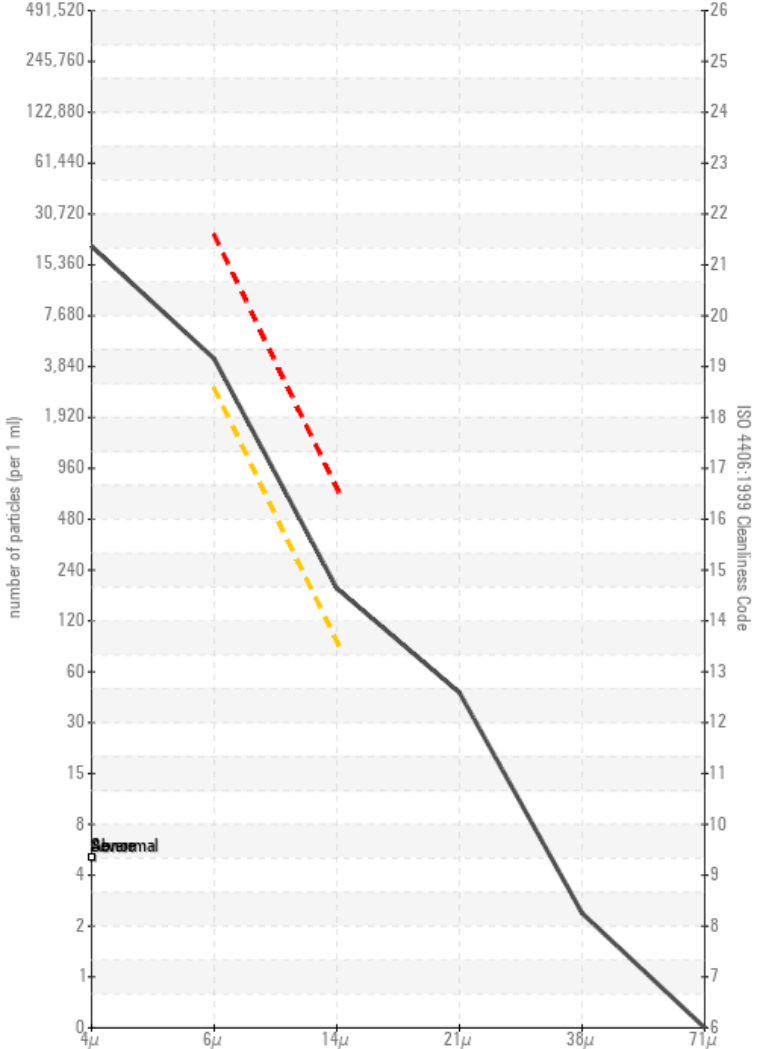
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

