



CONSTRUCTION EQUIPMENT

VOLVO A40G 353385 - HYDRAULIC SYSTEM



Sample No: VCP436590
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP436590	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	1012	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 43.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.41	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 5647	---	---	---
Particles >6µm		█ 1649	---	---	---
Particles >14µm		▲ 209	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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 light 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.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 60	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 429	---	---	---
Phosphorus	ppm	█ 300	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0090
Unique No: 10789340
Signed: Wes Davis
Report Date: 15 Dec 2023

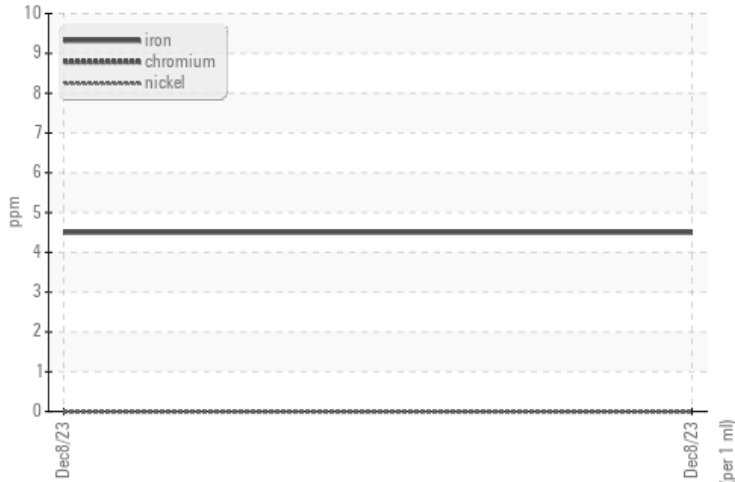


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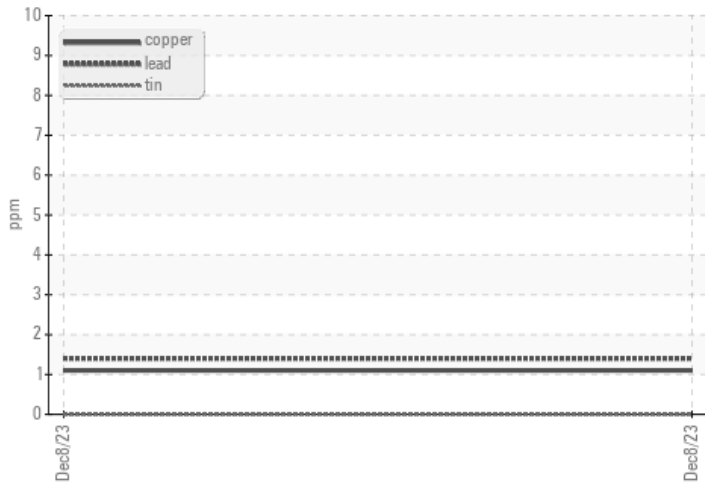


VOLVO GRAPHS

Ferrous Alloys



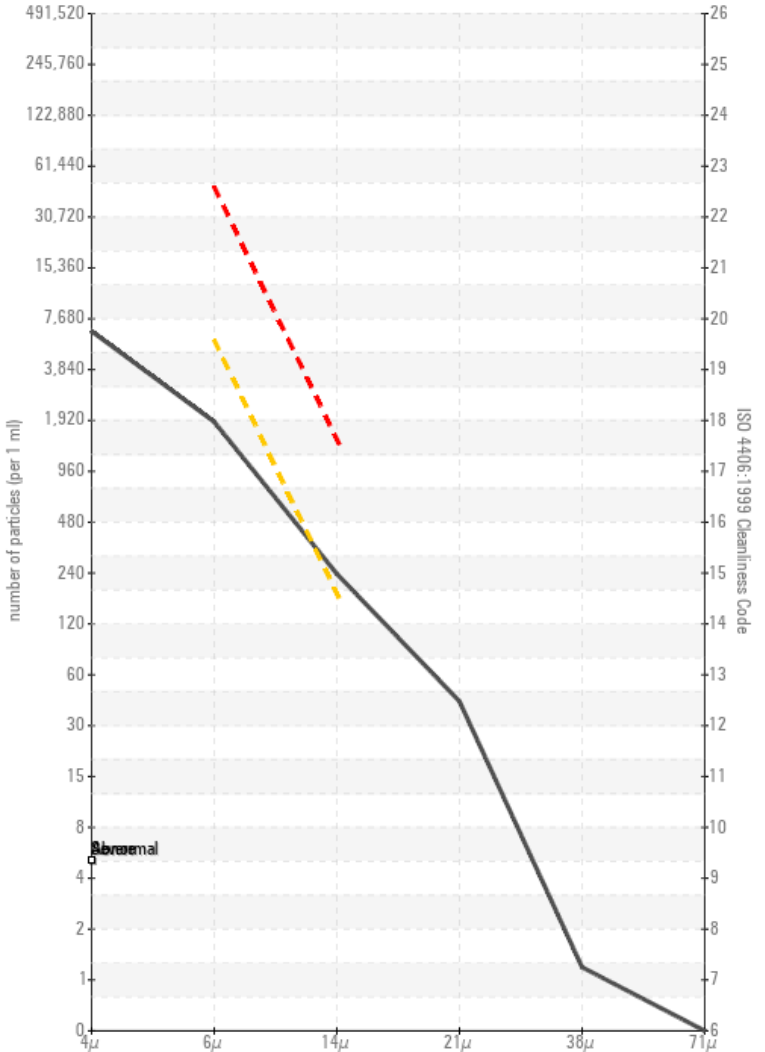
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

