



CONSTRUCTION EQUIPMENT

568198 VOLVO A30G 752866 - HYDRAULIC SYSTEM



Sample No: VCP396907
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 568198



SAMPLE INFORMATION

Sample Number	VCP396907	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	1096	---	---	---
Oil Hours	1096	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rtturner@ripatampa.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 44.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.40	---	---	---

CONTAMINATION

Particles >4µm		6416	---	---	---
Particles >6µm		█ 2294	---	---	---
Particles >14µm		▲ 241	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
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 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	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
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	█ 0	---	---	---
Zinc	ppm	█ 430	---	---	---
Phosphorus	ppm	█ 328	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: RIPTAM
Unique No: 10550755
Signed: Wes Davis
Report Date: 12 Jul 2023

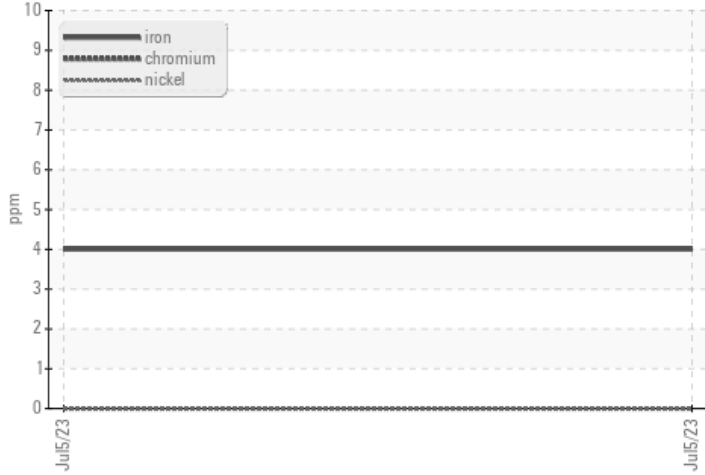


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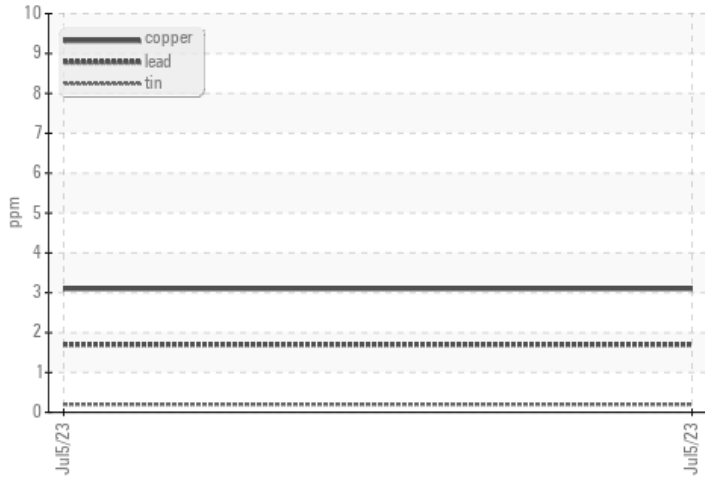


VOLVO GRAPHS

Ferrous Alloys



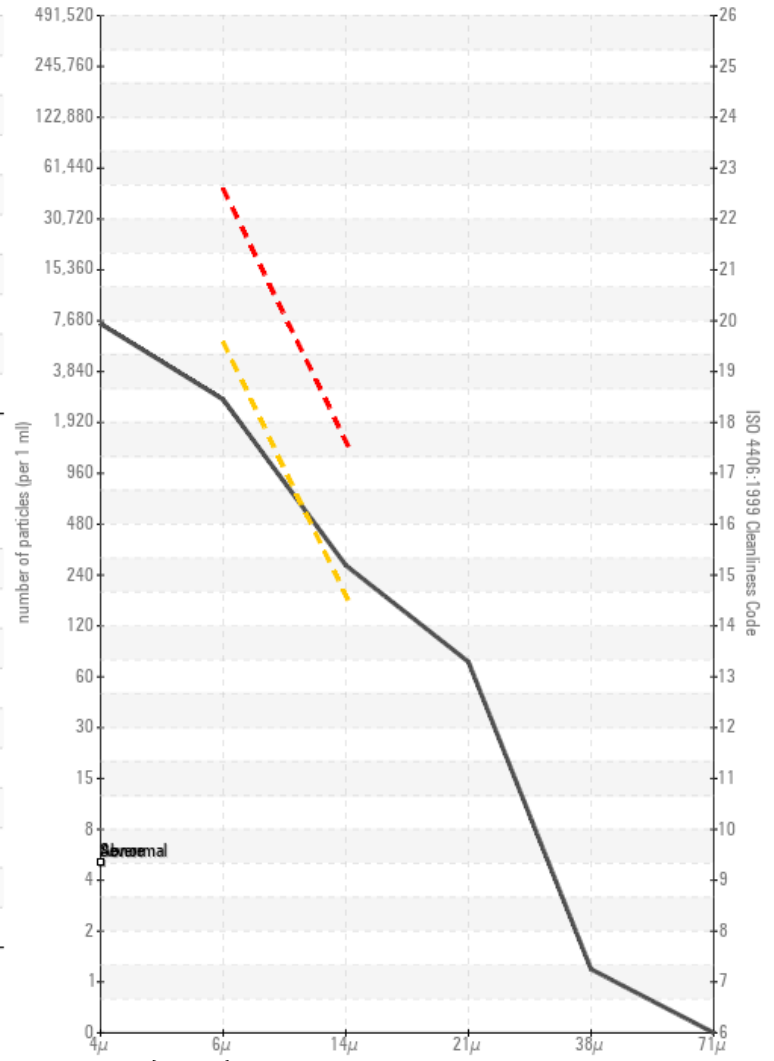
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

