



CONSTRUCTION EQUIPMENT

135982 VOLVO A40G 752154 - HYDRAULIC SYSTEM



Sample No: VCP442493
Oil Type: {unknown}
Job No: 135982



SAMPLE INFORMATION

Sample Number	VCP442493	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
 wallace.warren@lafargeholcim.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 45.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 500	---	---	---
Particles >6µm		█ 140	---	---	---
Particles >14µm		█ 12	---	---	---
ISO 4406:1999 (c)		16/14/11	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is ISO 46 AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	98	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	447	---	---	---
Phosphorus	ppm	358	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Depot: LATSCU
Unique No: 10966993
Signed: Wes Davis
Report Date: 11 Apr 2024



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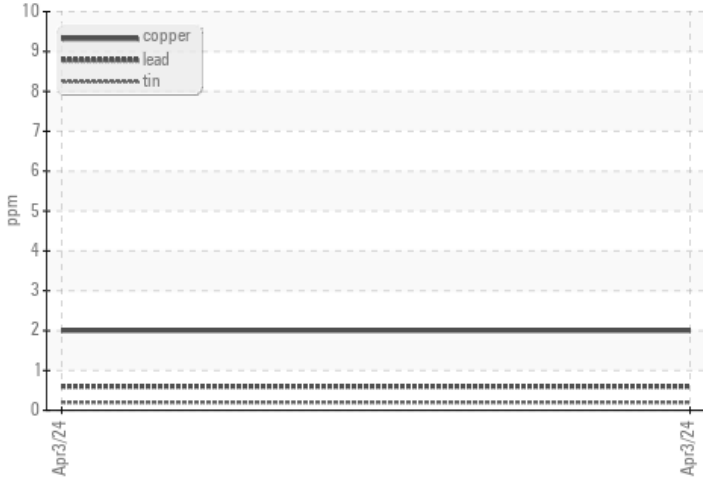


GRAPHS

Ferrous Alloys



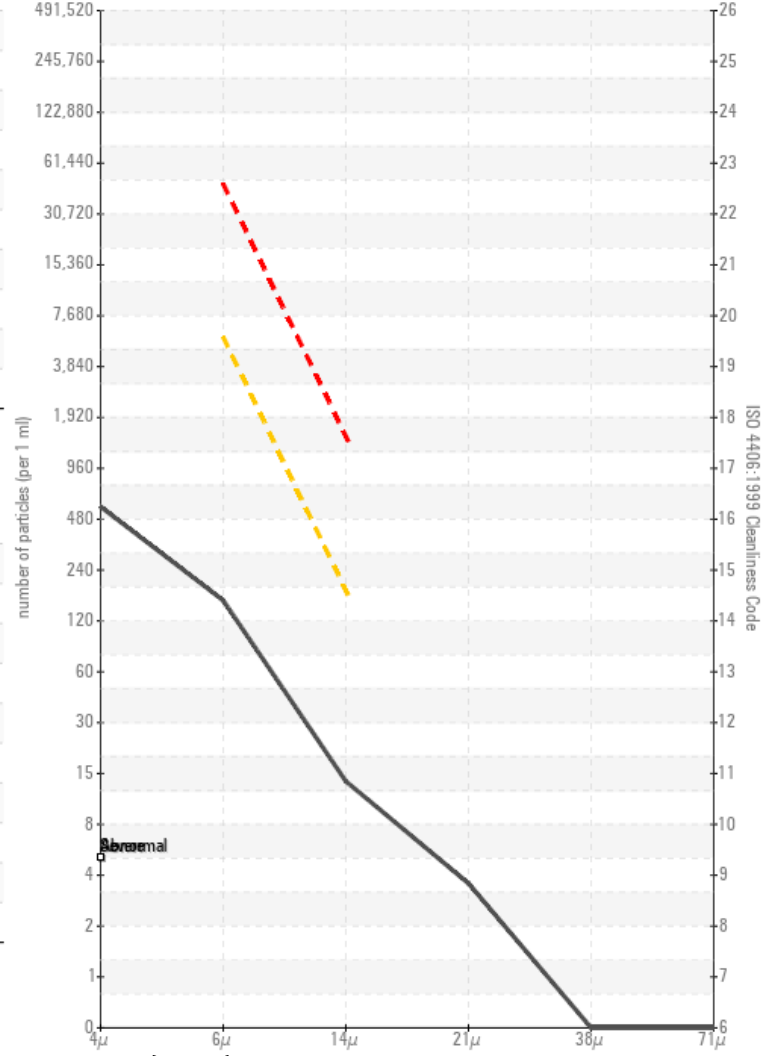
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

