



CONSTRUCTION EQUIPMENT

620622 VOLVO A30 753369 - HYDRAULIC SYSTEM



Sample No: VCP432913
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 620622



SAMPLE INFORMATION

Sample Number	VCP432913	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	1052	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER

T: (772)461-3020
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 43.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.41	---	---	---



CONTAMINATION

Particles >4µm		█ 3905	---	---	---
Particles >6µm		█ 916	---	---	---
Particles >14µm		█ 50	---	---	---
ISO 4406:1999 (c)		█ 19/17/13	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis
 Resample at the next service interval to monitor. 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	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 62	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 456	---	---	---
Phosphorus	ppm	█ 344	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: BLUFOR
Unique No: 10712948
Signed: Wes Davis
Report Date: 27 Oct 2023



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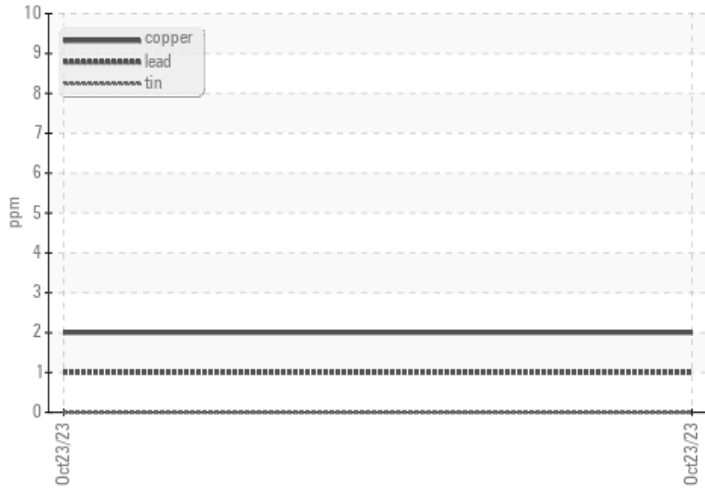


GRAPHS

Ferrous Alloys



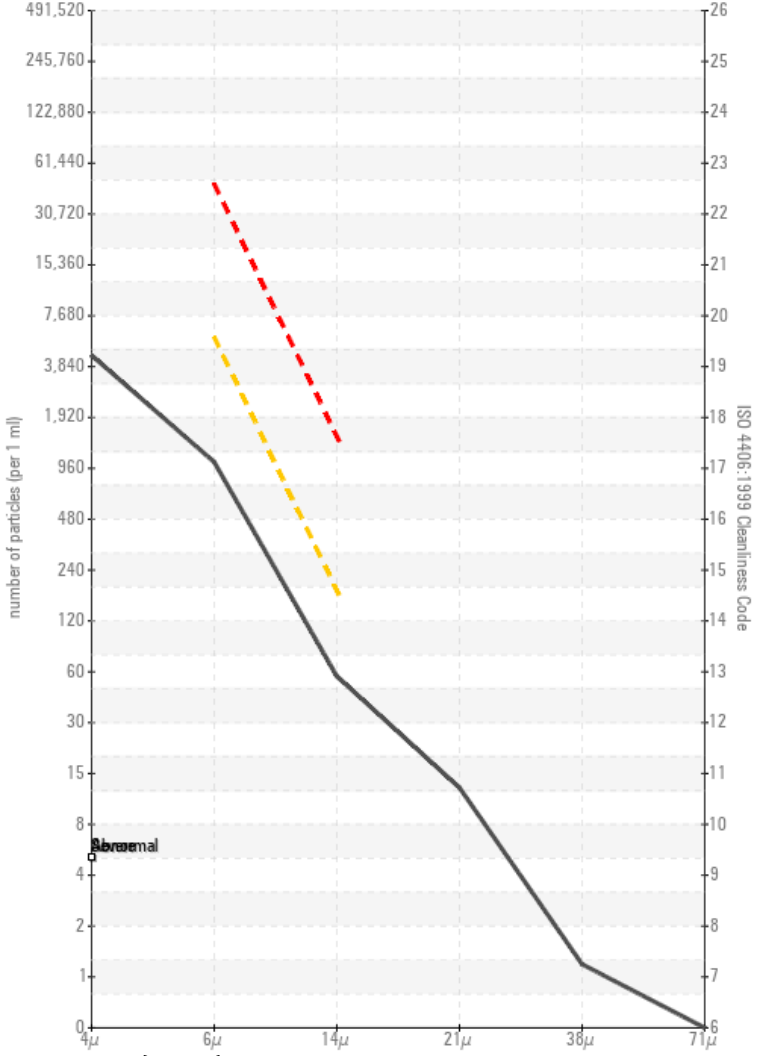
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

