



CONSTRUCTION EQUIPMENT

659041 VOLVO A30 753223 - HYDRAULIC SYSTEM



Sample No: VCP437666
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 659041



SAMPLE INFORMATION

Sample Number	VCP437666	VCP431277	---	---
Sample Date	04 Jan 2024	16 Oct 2023	---	---
Machine Hours	1548	1012	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

BLUE GOOSE GROWERS

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



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.9	---	---
Acid Number (AN)	mg KOH/g	0.40	0.36	---	---

T: (772)461-3020
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		5737	4485	---	---
Particles >6µm		1633	938	---	---
Particles >14µm		103	43	---	---
ISO 4406:1999 (c)		20/18/14	19/17/13	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	1	<1	---	---
Potassium	ppm	0	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	3	2	---	---
Copper	ppm	3	3	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	70	57	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	401	411	---	---
Phosphorus	ppm	288	315	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: BLUFOR
Unique No: 10821300
Signed: Wes Davis
Report Date: 10 Jan 2024

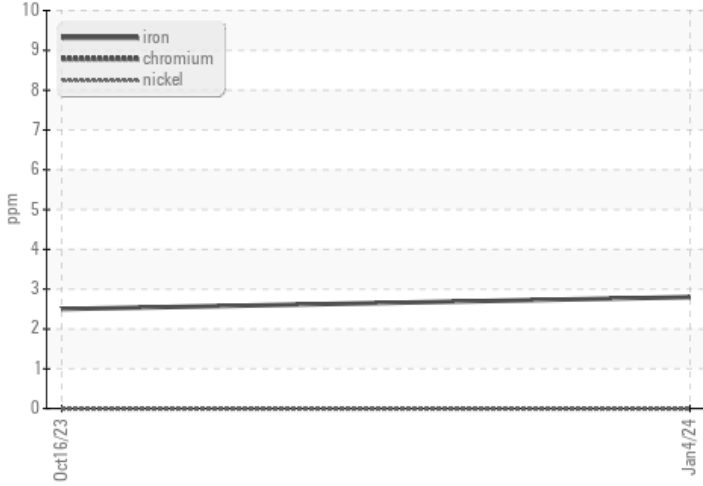


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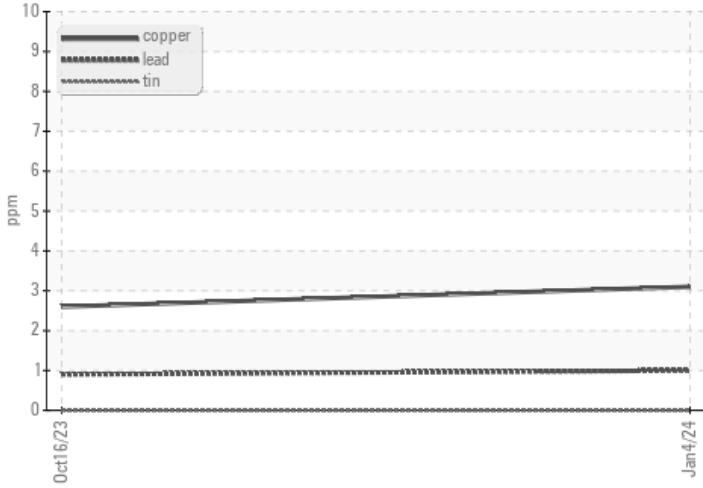


GRAPHS

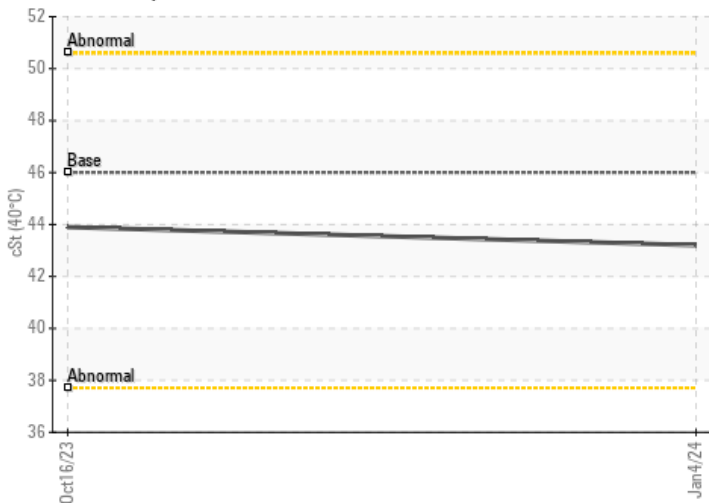
Ferrous Alloys



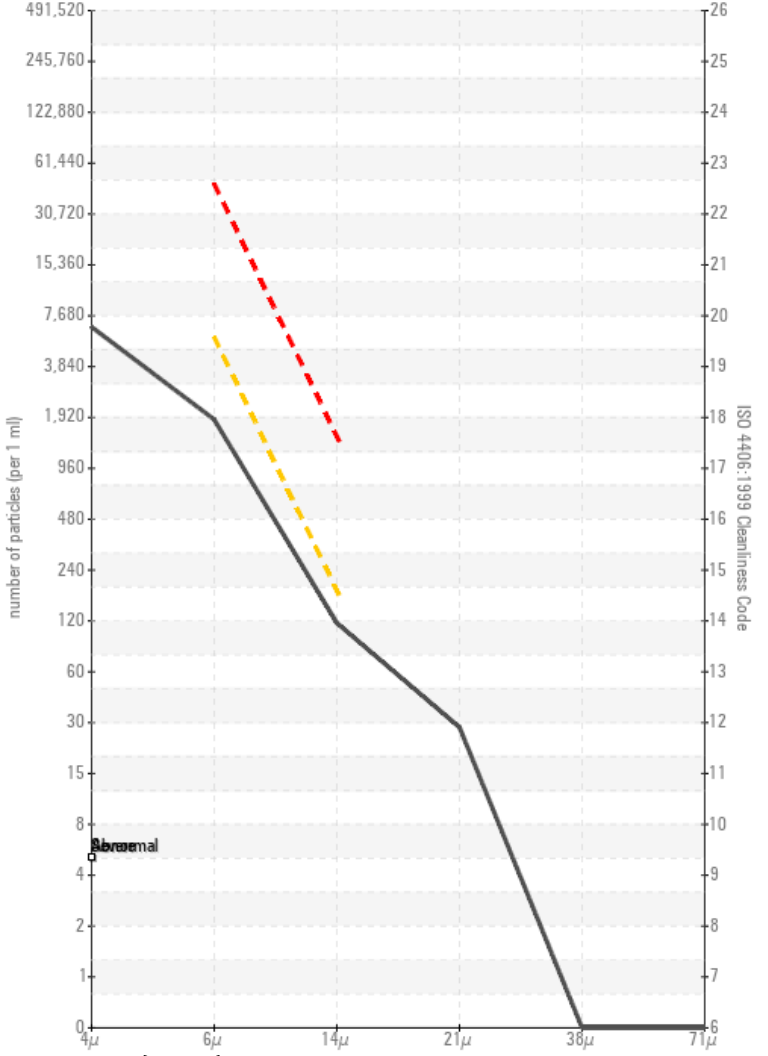
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

