



CONSTRUCTION EQUIPMENT

659315 VOLVO A30 753369 - HYDRAULIC SYSTEM



Sample No: VCP437667
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 659315



SAMPLE INFORMATION

Sample Number	VCP437667	VCP432913	---	---
Sample Date	04 Jan 2024	23 Oct 2023	---	---
Machine Hours	1486	1052	---	---
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	43.5	43.8	---	---
Acid Number (AN)	mg KOH/g	0.40	0.41	---	---

T: (772)461-3020
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		2354	3905	---	---
Particles >6µm		512	916	---	---
Particles >14µm		40	50	---	---
ISO 4406:1999 (c)		18/16/12	19/17/13	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	1	0	---	---
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	<1	---	---
Copper	ppm	3	2	---	---
Lead	ppm	1	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	58	62	---	---
Magnesium	ppm	0	4	---	---
Zinc	ppm	398	456	---	---
Phosphorus	ppm	284	344	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: BLUFOR
Unique No: 10821301
Signed: Wes Davis
Report Date: 10 Jan 2024

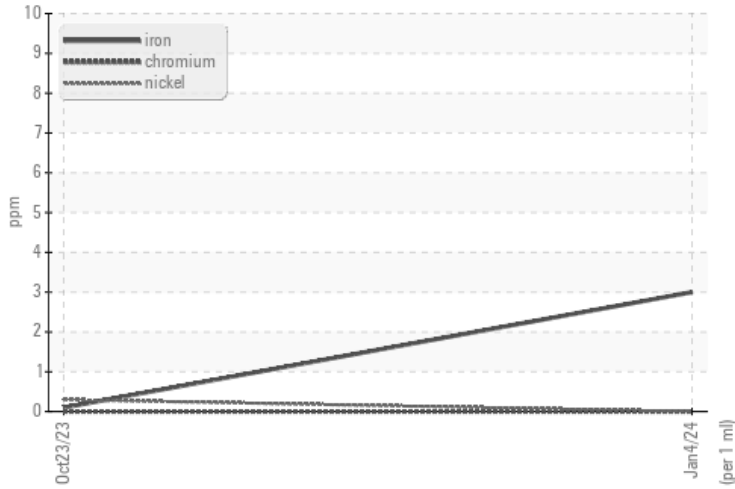


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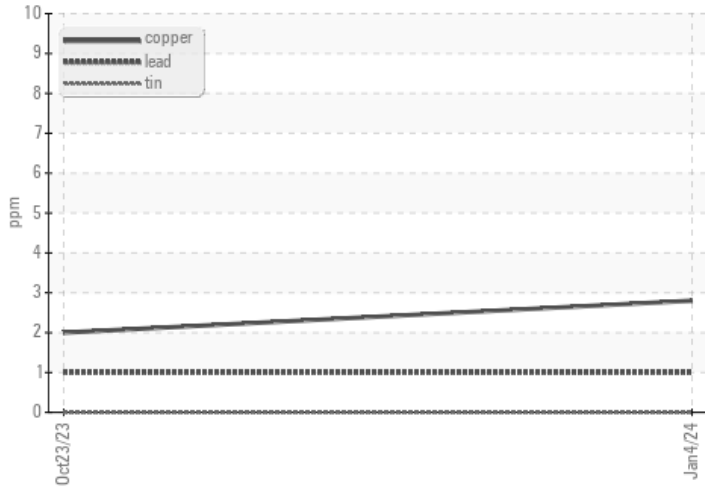


GRAPHS

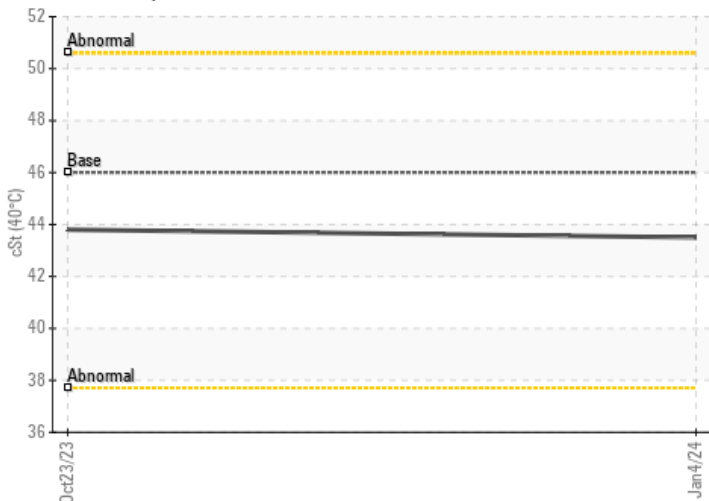
Ferrous Alloys



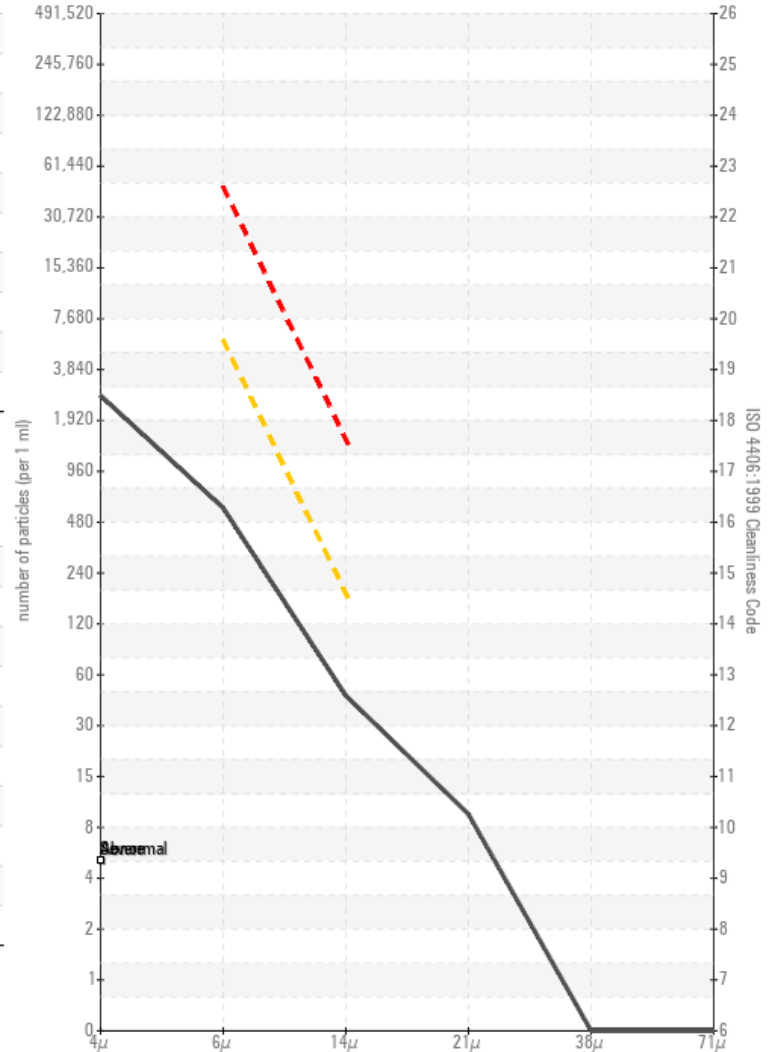
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

