



CONSTRUCTION EQUIPMENT

9042 VOLVO A30G 753002 - HYDRAULIC SYSTEM



Sample No: VCP437639
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 9042



SAMPLE INFORMATION

Sample Number	VCP437639	VCP425090	VCP425691	---
Sample Date	04 Jan 2024	17 Jul 2023	05 May 2023	---
Machine Hours	1810	885	381	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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

OIL CONDITION

Visc @ 40°C	cSt	42.8	43.4	44.1	---
Acid Number (AN)	mg KOH/g	0.41	0.42	0.39	---

T: (772)461-3020
 F:

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		2978	2360	1397	---
Particles >6µm		527	700	244	---
Particles >14µm		22	72	11	---
ISO 4406:1999 (c)		19/16/12	18/17/13	18/15/11	---
Silicon	ppm	3	3	3	---
Sodium	ppm	1	2	5	---
Potassium	ppm	0	0	2	---

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	4	2	2	---
Copper	ppm	3	3	1	---
Lead	ppm	<1	<1	2	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	<1	0	---

ADDITIVES

Calcium	ppm	64	65	58	---
Magnesium	ppm	<1	2	3	---
Zinc	ppm	402	427	435	---
Phosphorus	ppm	289	347	343	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	0	---

Depot: BLUFOR
Unique No: 10821303
Signed: Wes Davis
Report Date: 10 Jan 2024

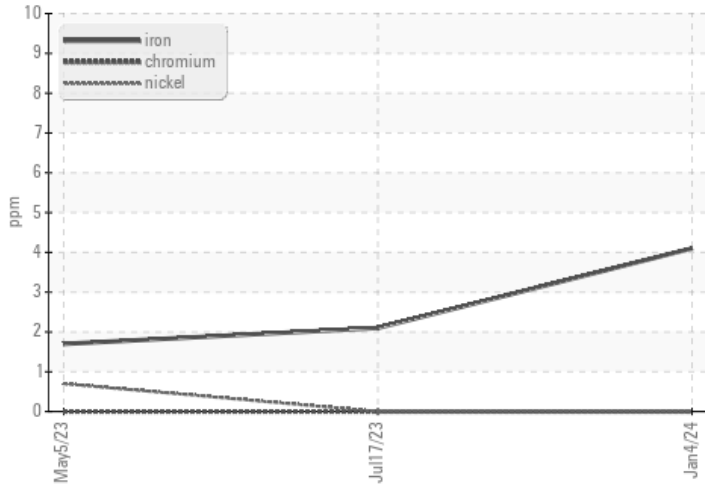


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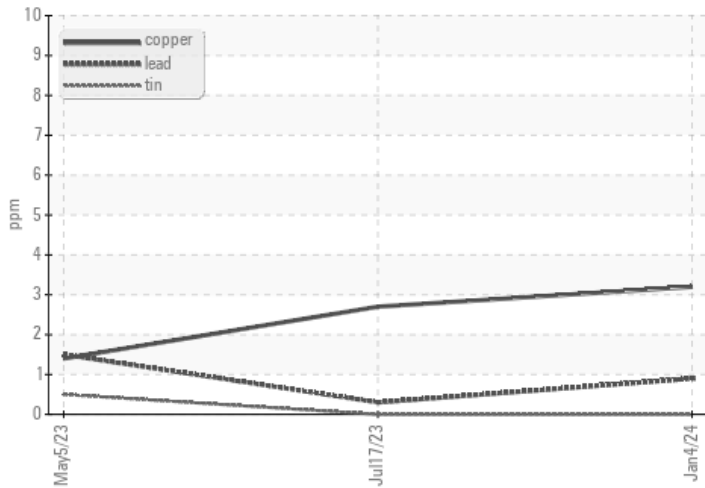


GRAPHS

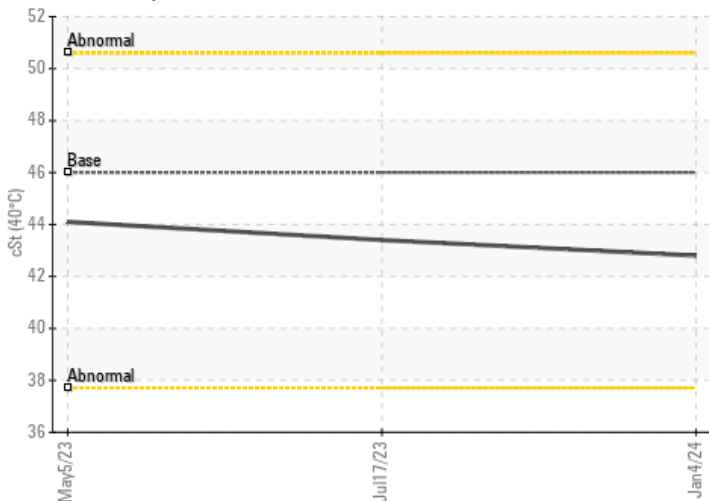
Ferrous Alloys



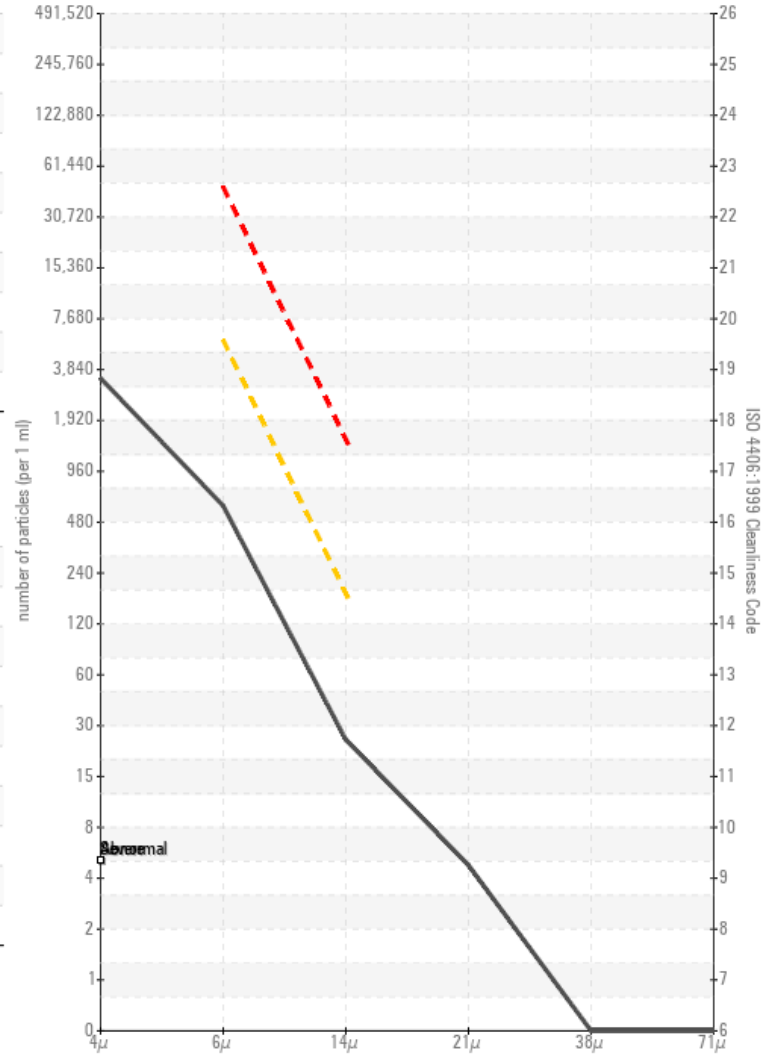
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

