



CONSTRUCTION EQUIPMENT

715497 VOLVO A30G 753002 - HYDRAULIC SYSTEM



Sample No: VCP451230
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 715497



SAMPLE INFORMATION

Sample Number	VCP451230	VCP437639	VCP425090	VCP425691
Sample Date	09 May 2024	04 Jan 2024	17 Jul 2023	05 May 2023
Machine Hours	2142	1810	885	381
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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

OIL CONDITION

Visc @ 40°C	cSt	42.5	42.8	43.4	44.1
Acid Number (AN)	mg KOH/g	0.37	0.41	0.42	0.39

T: (772)461-3020
 F:

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		4566	2978	2360	1397
Particles >6µm		1125	527	700	244
Particles >14µm		68	22	72	11
ISO 4406:1999 (c)		19/17/13	19/16/12	18/17/13	18/15/11
Silicon	ppm	4	3	3	3
Sodium	ppm	<1	1	2	5
Potassium	ppm	0	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	6	4	2	2
Copper	ppm	3	3	3	1
Lead	ppm	2	<1	<1	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	<1	0

ADDITIVES

Calcium	ppm	68	64	65	58
Magnesium	ppm	2	<1	2	3
Zinc	ppm	413	402	427	435
Phosphorus	ppm	323	289	347	343
Barium	ppm	0	0	0	0
Boron	ppm	0	0	0	0

Depot: BLUFOR
Unique No: 11035544
Signed: Wes Davis
Report Date: 21 May 2024

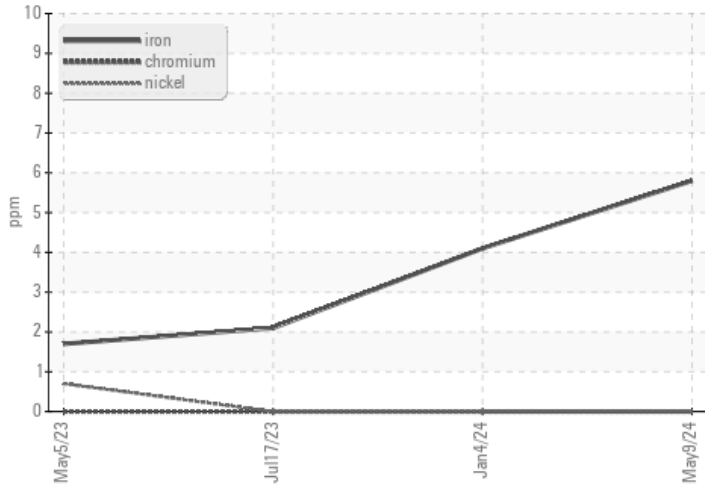


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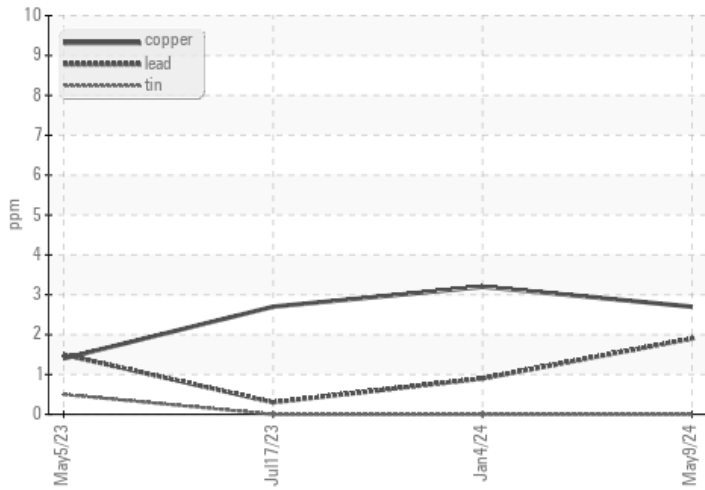


GRAPHS

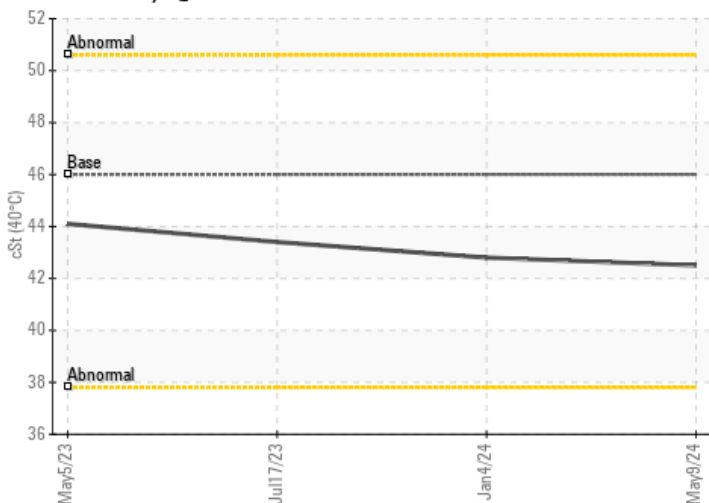
Ferrous Alloys



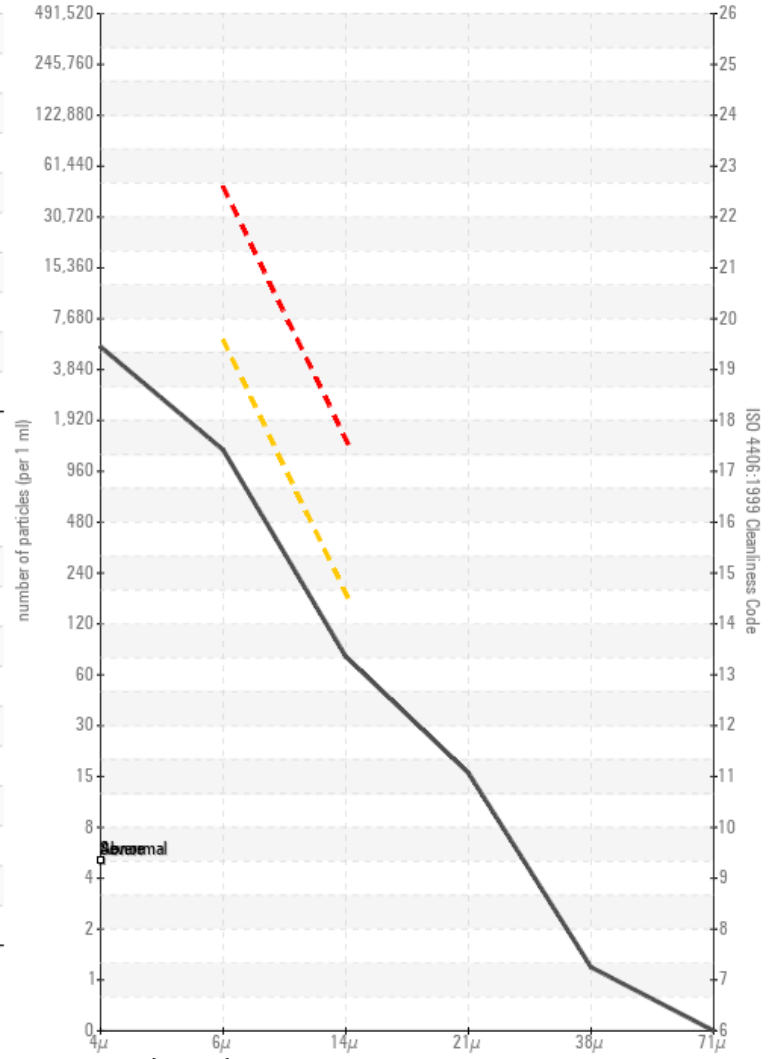
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

