



CONSTRUCTION EQUIPMENT

580243 VOLVO A30G 753001 - HYDRAULIC SYSTEM



Sample No: VCP411688
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 580243



SAMPLE INFORMATION

Sample Number	VCP411688	VCP425692	---	---
Sample Date	18 Jul 2023	05 May 2023	---	---
Machine Hours	999	510	---	---
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

T: (772)461-3020
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.5	44.0	---	---
Acid Number (AN)	mg KOH/g	0.42	0.39	---	---



CONTAMINATION

Particles >4µm		2915	3208	---	---
Particles >6µm		716	588	---	---
Particles >14µm		49	17	---	---
ISO 4406:1999 (c)		19/17/13	19/16/11	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	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	3	2	---	---
Copper	ppm	3	2	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

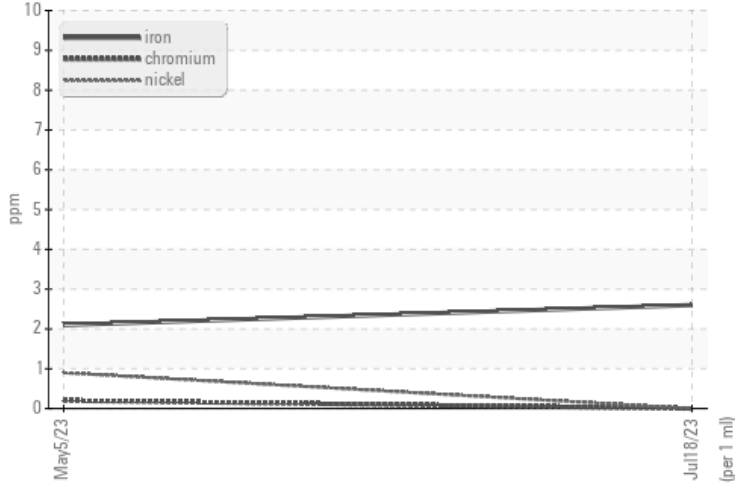
Calcium	ppm	67	62	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	422	436	---	---
Phosphorus	ppm	342	341	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: BLUFOR
Unique No: 10565660
Signed: Wes Davis
Report Date: 24 Jul 2023

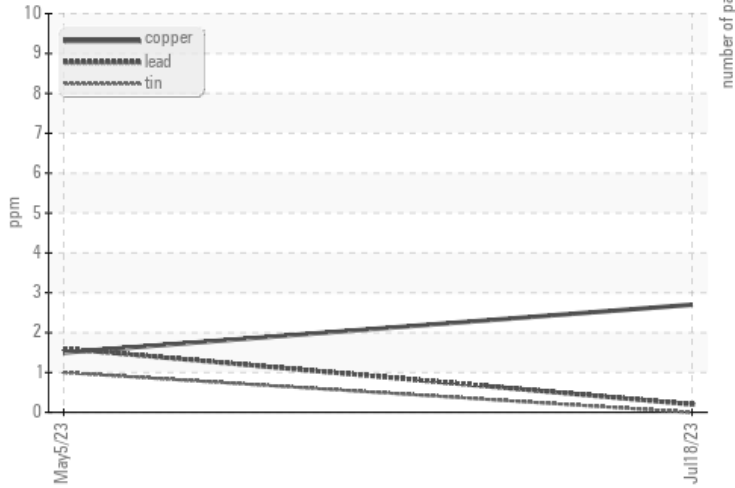


GRAPHS

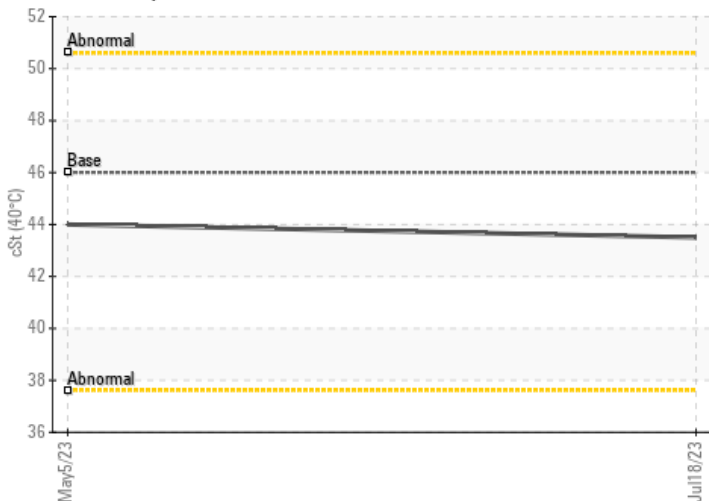
Ferrous Alloys



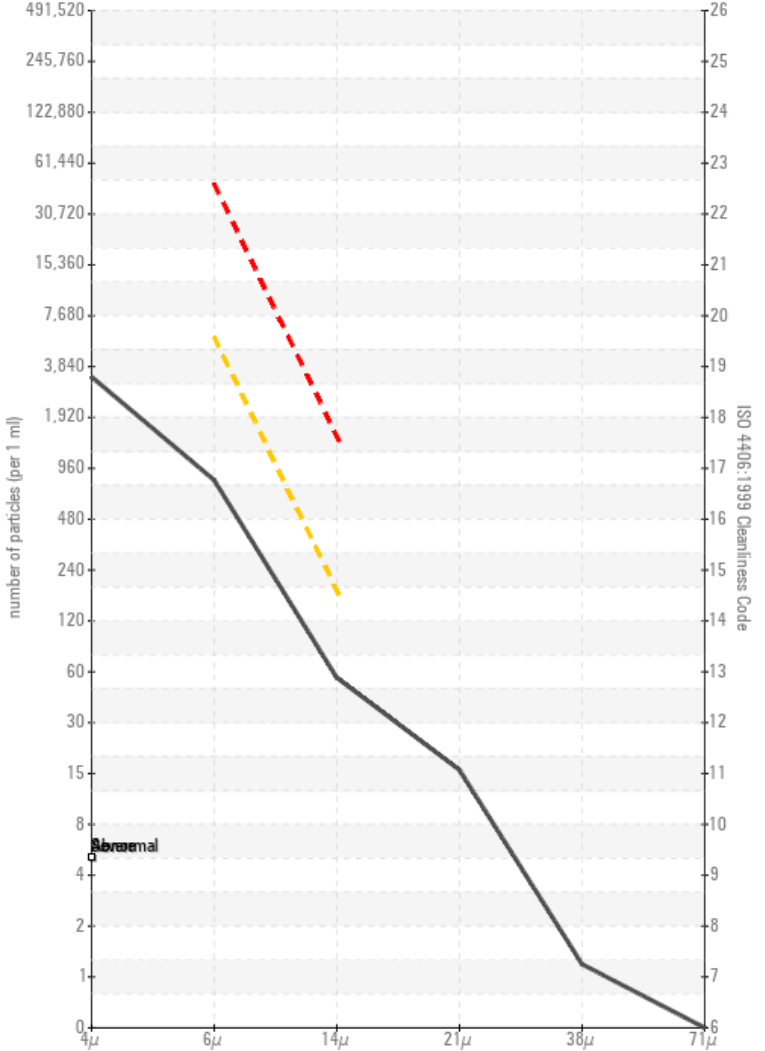
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

