



CONSTRUCTION EQUIPMENT

729088 VOLVO A30G 753089 - HYDRAULIC SYSTEM



Sample No: VCP450713
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 729088



SAMPLE INFORMATION

Sample Number	VCP450713	VCP437697	VCP395903	---
Sample Date	07 Jun 2024	11 Jan 2024	01 Nov 2023	---
Machine Hours	1653	1134	896	---
Oil Hours	0	0	896	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

JON M HALL COMPANY
 1920 BOOTHE CIRCLE SUITE 110
 LONGWOOD, FL
 US 32750
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	43.1	47.3	43.3	---
Acid Number (AN)	mg KOH/g	0.47	0.41	0.50	---

T: (407)215-0410
 F:

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		4630	5243	1690	---
Particles >6µm		1413	1096	319	---
Particles >14µm		92	35	22	---
ISO 4406:1999 (c)		19/18/14	20/17/12	18/15/12	---
Silicon	ppm	4	4	4	---
Sodium	ppm	<1	<1	2	---
Potassium	ppm	<1	0	<1	---

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

ADDITIVES

Calcium	ppm	74	71	67	---
Magnesium	ppm	<1	2	<1	---
Zinc	ppm	470	423	440	---
Phosphorus	ppm	347	335	340	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	0	---

Depot: JONLON
Unique No: 11082873
Signed: Wes Davis
Report Date: 17 Jun 2024

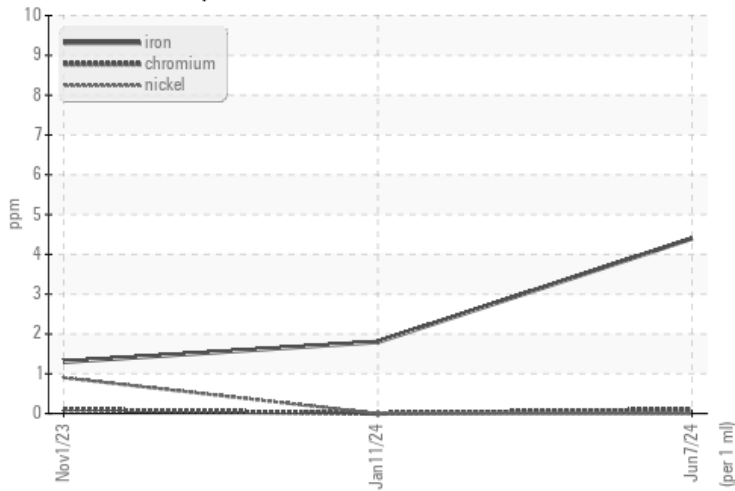


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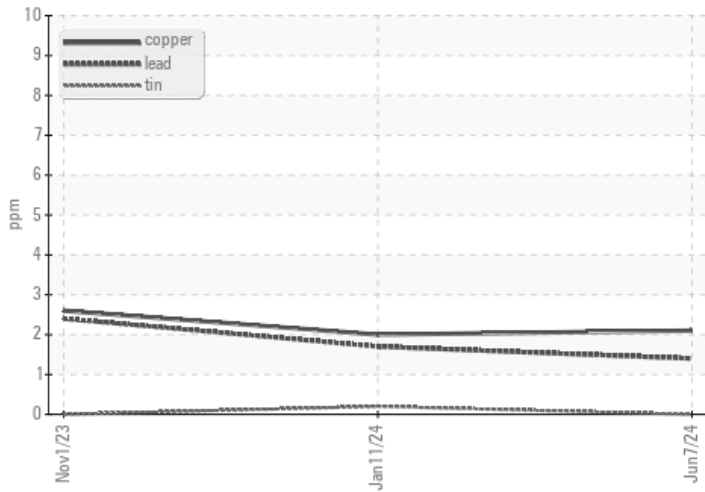


GRAPHS

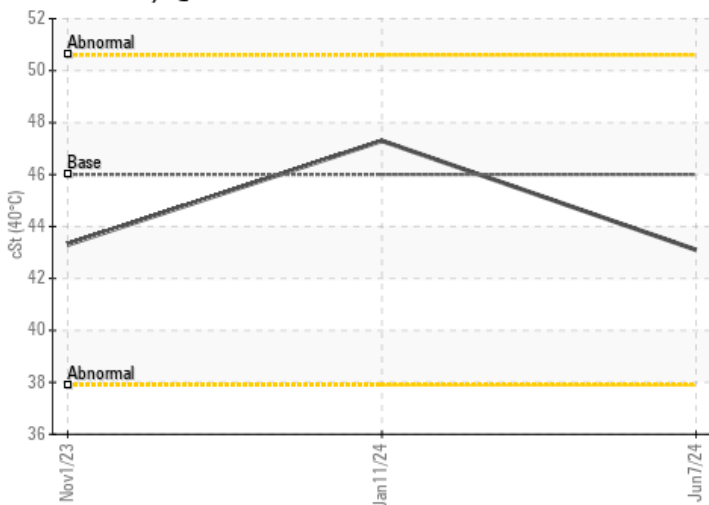
Ferrous Alloys



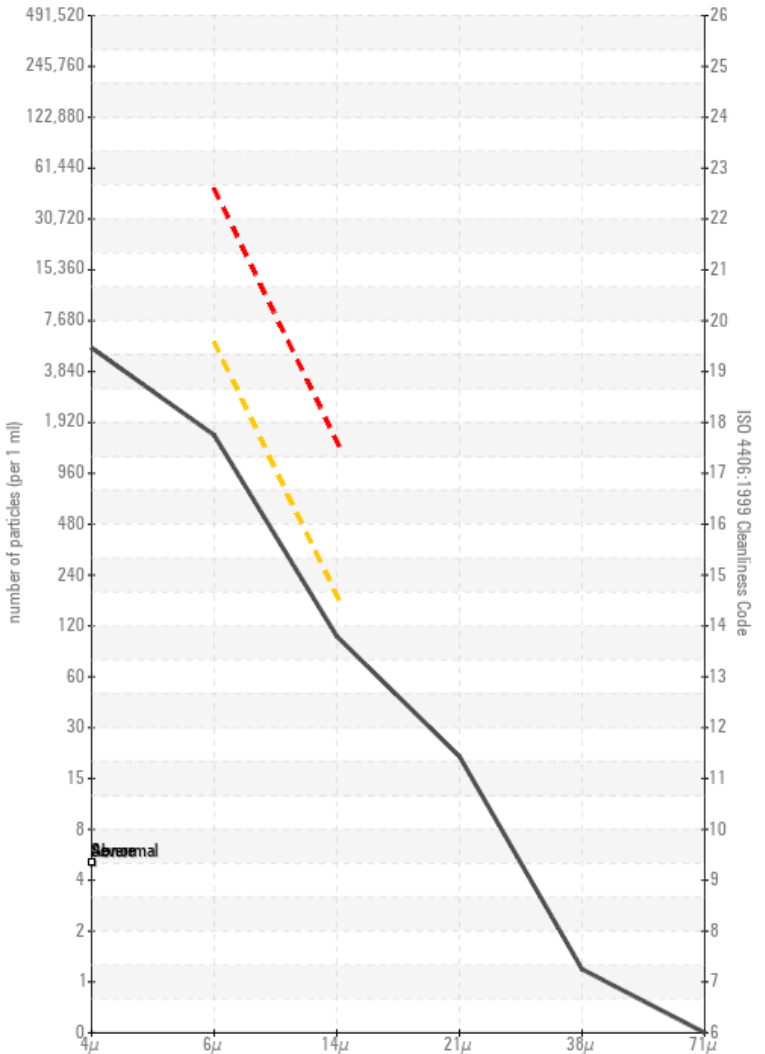
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

