



CONSTRUCTION EQUIPMENT

VOLVO A30G 742515 - HYDRAULIC SYSTEM



Sample No: VCP412956
Oil Type: {unknown}
Job No:



SAMPLE INFORMATION

Sample Number	VCP412956	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

DH FUNK AND SONS LLC
 3995 CONTINENTAL DRIVE
 COLUMBIA, PA
 US 17512
 Contact: GARY SHEPHERD
 GSHEPHERD@DHFUNK.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 46.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---



CONTAMINATION

Particles >4µm		1172	---	---	---
Particles >6µm		█ 304	---	---	---
Particles >14µm		█ 25	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	█ 5	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	144	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	449	---	---	---
Phosphorus	ppm	371	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: DHFCOL
Unique No: 10609489
Signed: Wes Davis
Report Date: 22 Aug 2023

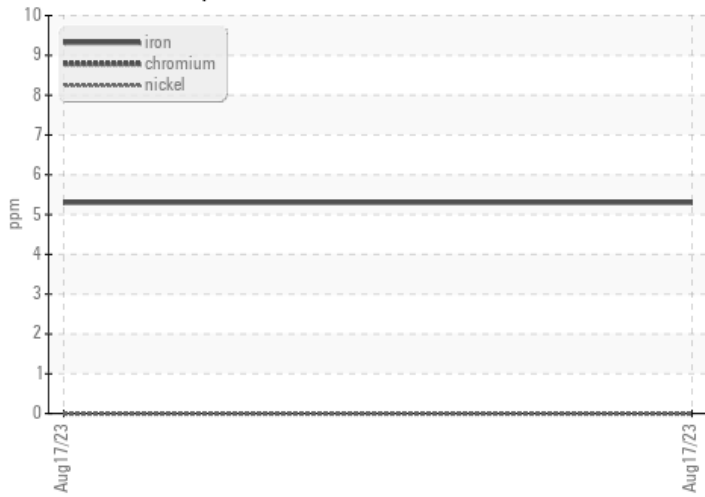


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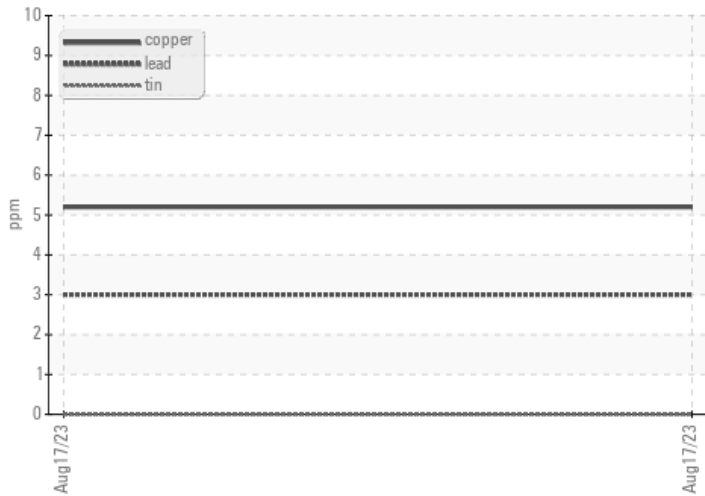


GRAPHS

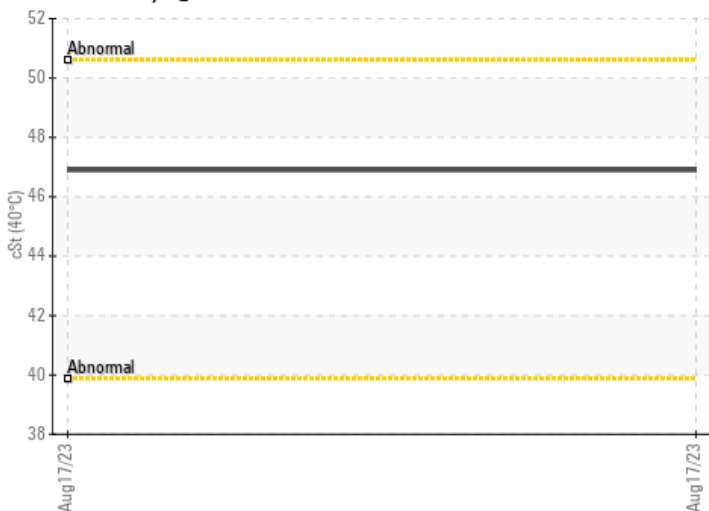
Ferrous Alloys



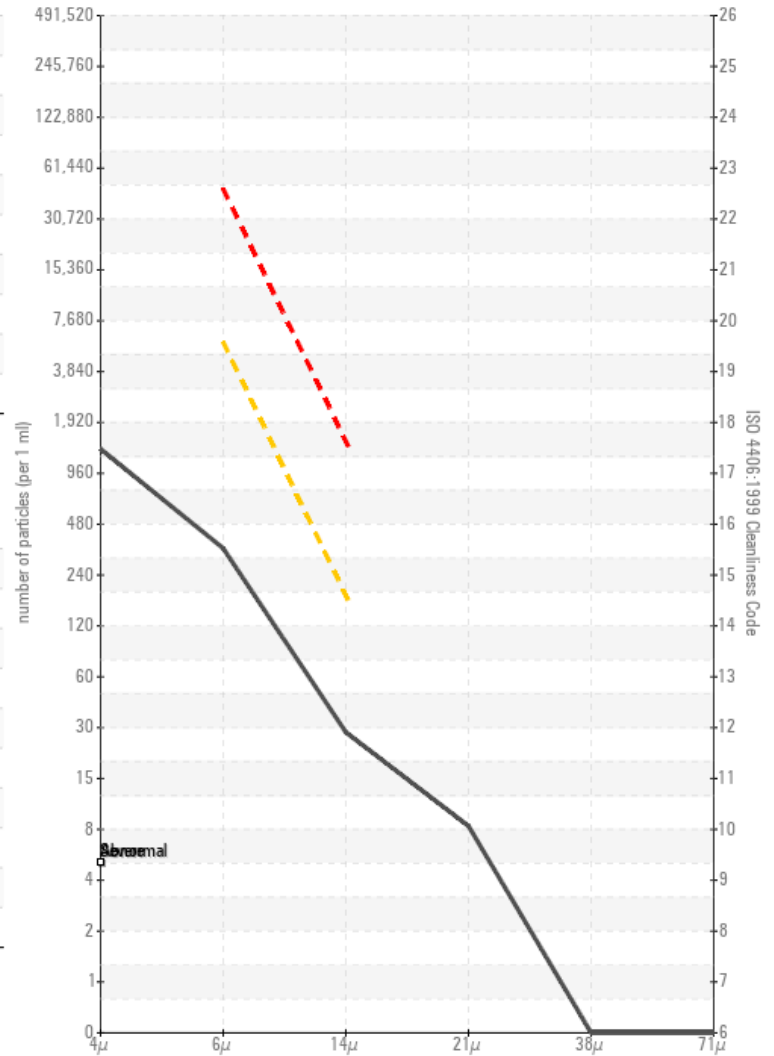
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

