



CONSTRUCTION EQUIPMENT

594615 APTIM VOLVO A30G 740273 - HYDRAULIC SYSTEM



Sample No: VCP417081
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 594615 APTIM



SAMPLE INFORMATION

Sample Number	VCP417081	VCP364338	---	---
Sample Date	22 Aug 2023	01 Sep 2022	---	---
Machine Hours	11091	10152	---	---
Oil Hours	4000	2000	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 JFARDELLA@ALTAEQUIPFL.COM
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	42.4	42.5	---	---
Acid Number (AN)	mg KOH/g	0.37	---	---	---



CONTAMINATION

Particles >4µm		11878	2611	---	---
Particles >6µm		1442	336	---	---
Particles >14µm		19	16	---	---
ISO 4406:1999 (c)		21/18/11	19/16/11	---	---
Silicon	ppm	10	9	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	0	0	---	---

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	11	10	---	---
Copper	ppm	11	9	---	---
Lead	ppm	2	3	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	124	115	---	---
Magnesium	ppm	6	4	---	---
Zinc	ppm	438	438	---	---
Phosphorus	ppm	311	338	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0093
Unique No: 10668726
Signed: Wes Davis
Report Date: 28 Sep 2023

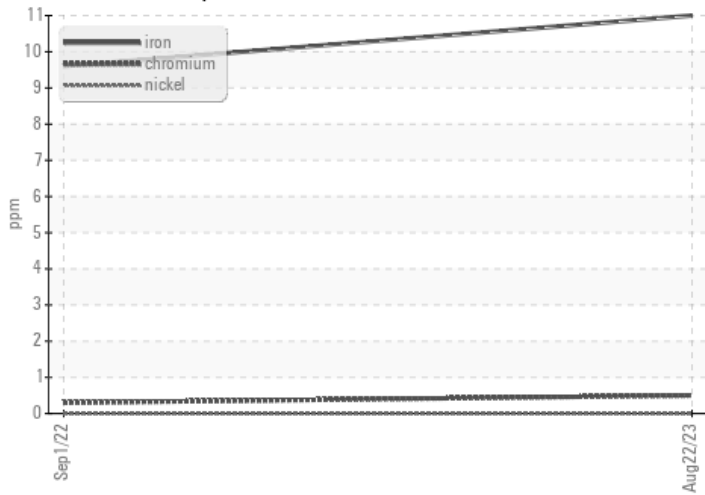


CONSTRUCTION EQUIPMENT

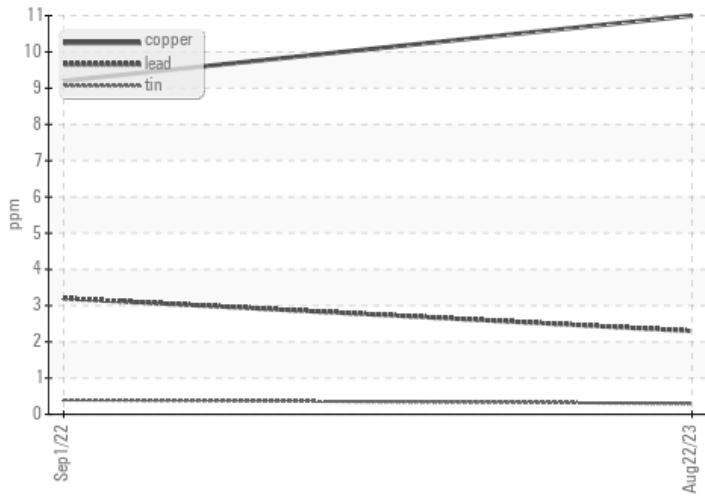


GRAPHS

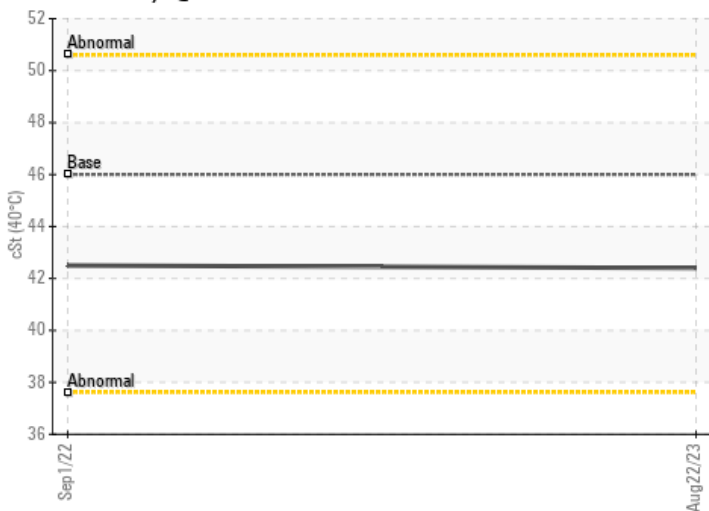
Ferrous Alloys



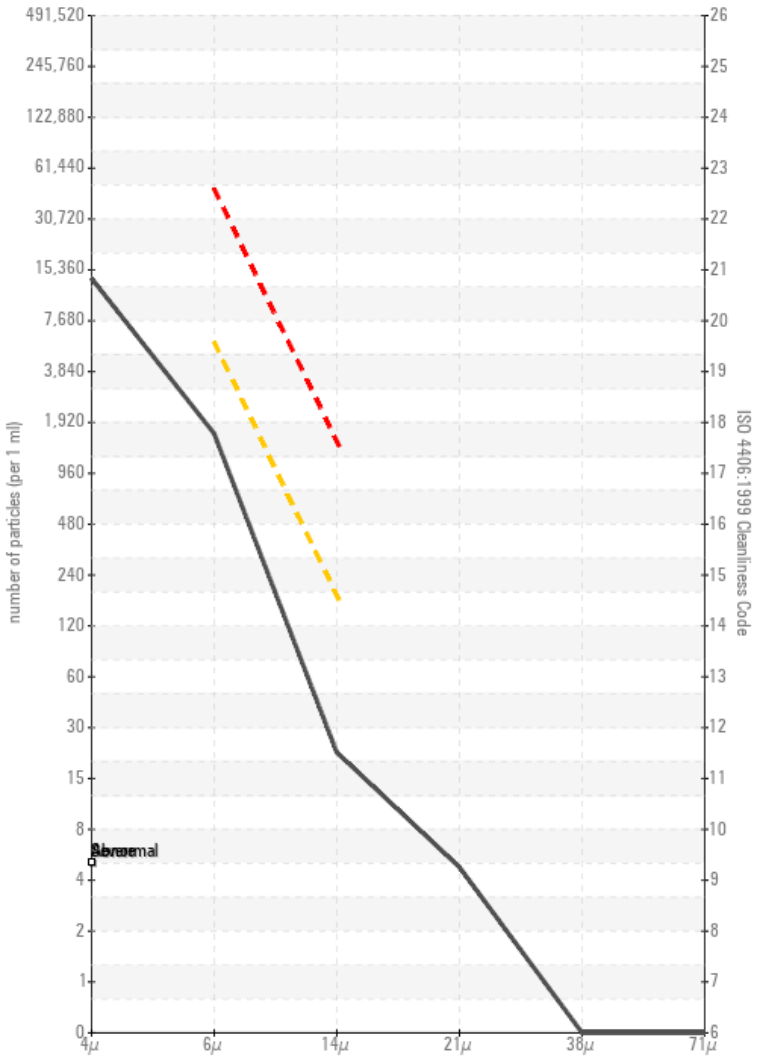
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

