



CONSTRUCTION EQUIPMENT

VOLVO A25G 752747 - HYDRAULIC SYSTEM



Sample No: VCP431304
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP431304	VCP412762	---	---
Sample Date	16 Oct 2023	05 Aug 2023	---	---
Machine Hours	823	518	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: BRAD BYRO
 bradley.byro@altg.com
 T: (407)850-9614
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	45.5	44.6	---	---
Acid Number (AN)	mg KOH/g	0.40	0.45	---	---



CONTAMINATION

Particles >4µm		2222	1261	---	---
Particles >6µm		413	363	---	---
Particles >14µm		32	41	---	---
ISO 4406:1999 (c)		18/16/12	17/16/13	---	---
Silicon	ppm	5	5	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	1	<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	3	2	---	---
Copper	ppm	3	2	---	---
Lead	ppm	2	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	56	55	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	426	419	---	---
Phosphorus	ppm	342	323	---	---
Barium	ppm	3	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0096
Unique No: 10711775
Signed: Wes Davis
Report Date: 26 Oct 2023

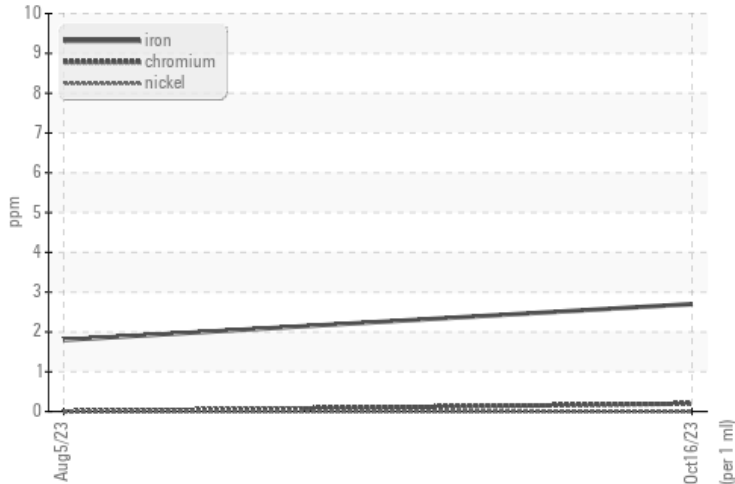


CONSTRUCTION EQUIPMENT

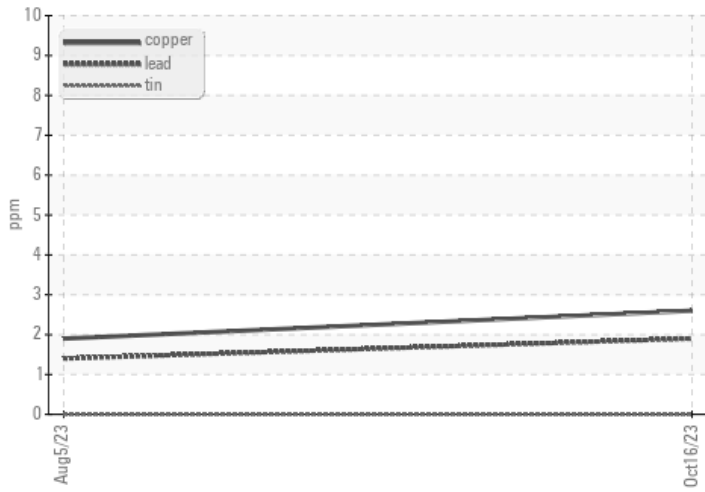


GRAPHS

Ferrous Alloys



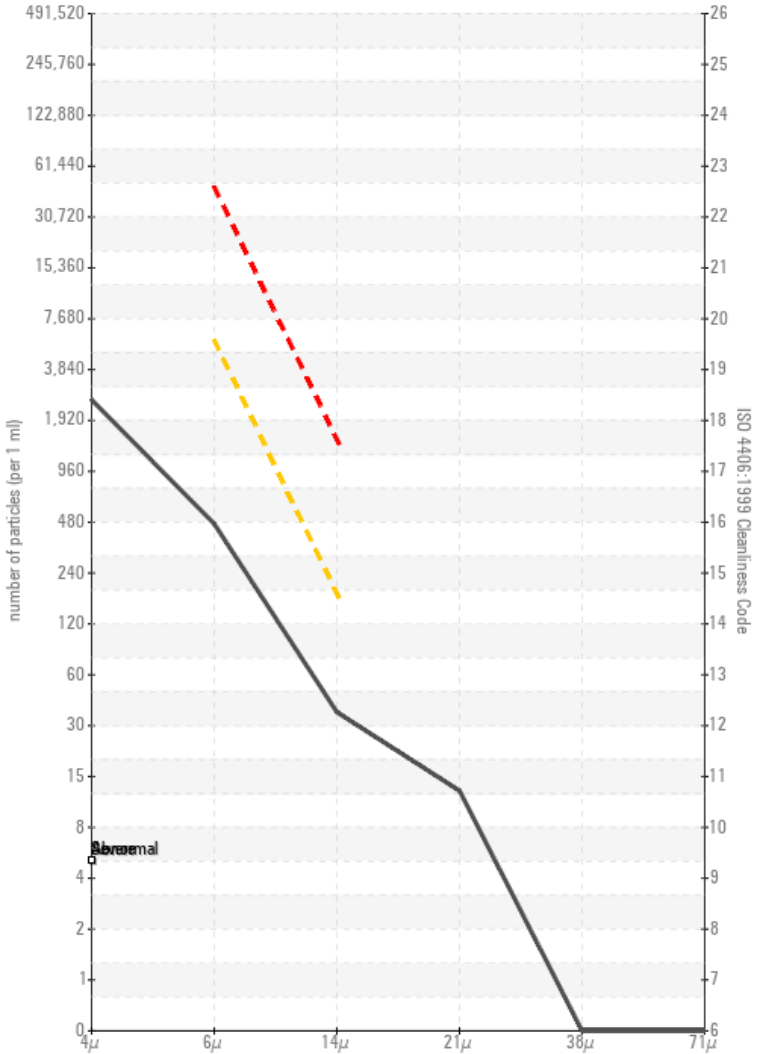
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

