



CONSTRUCTION EQUIPMENT

687253 VOLVO A25G 752572 - HYDRAULIC SYSTEM



Sample No: VCP453914
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 687253



SAMPLE INFORMATION

Sample Number	VCP453914	VCP418358	---	---
Sample Date	08 Mar 2024	11 Jul 2023	---	---
Machine Hours	1305	421	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	43.4	44.6	---	---
Acid Number (AN)	mg KOH/g	0.47	0.46	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		2549	1185	---	---
Particles >6µm		490	276	---	---
Particles >14µm		32	20	---	---
ISO 4406:1999 (c)		19/16/12	17/15/11	---	---
Silicon	ppm	4	3	---	---
Sodium	ppm	3	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	4	2	---	---
Copper	ppm	4	2	---	---
Lead	ppm	2	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	67	64	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	413	416	---	---
Phosphorus	ppm	328	314	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0093
Unique No: 10941173
Signed: Wes Davis
Report Date: 26 Mar 2024

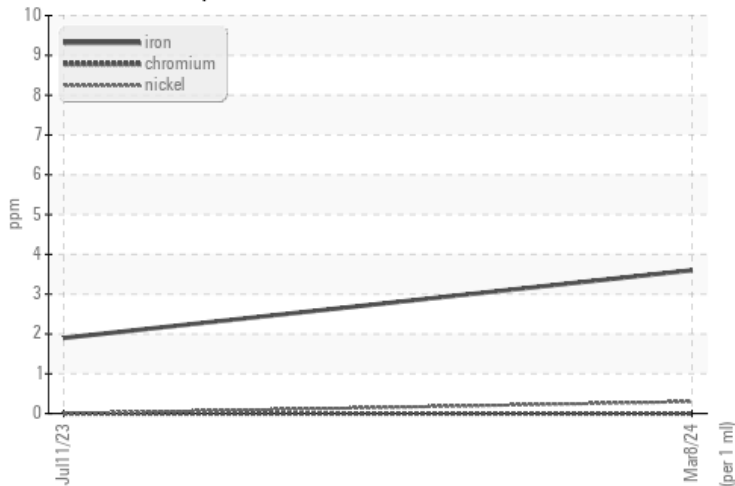


CONSTRUCTION EQUIPMENT

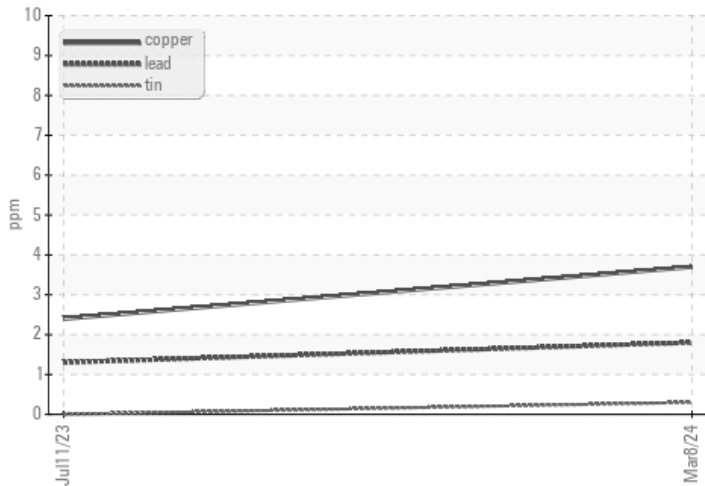


GRAPHS

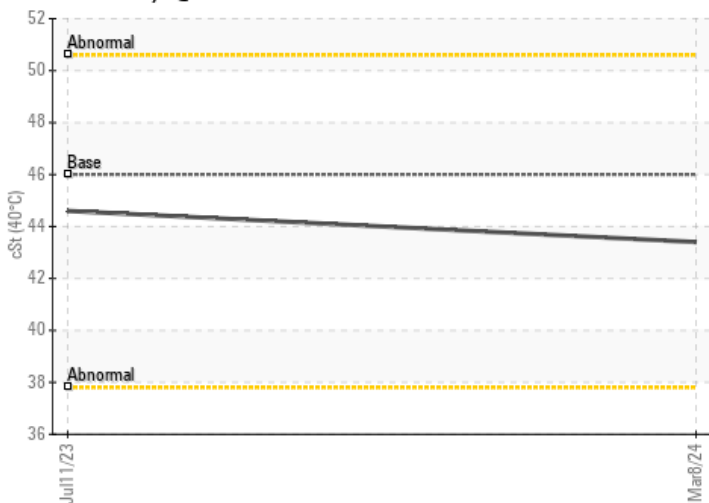
Ferrous Alloys



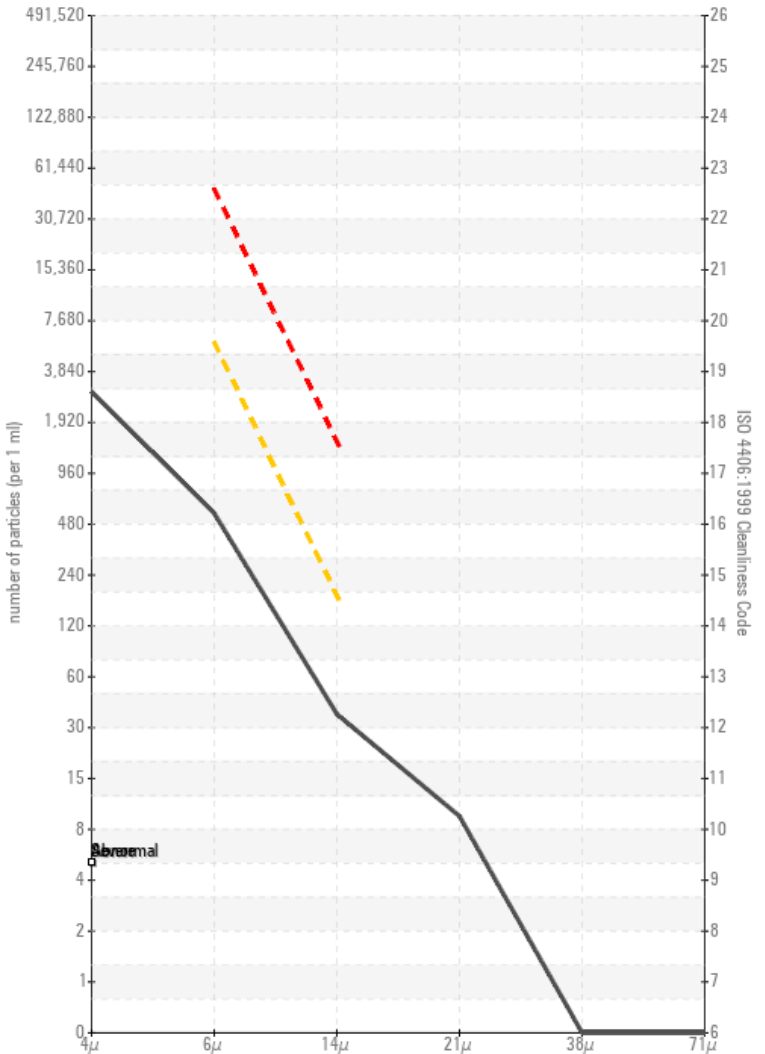
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

