



CONSTRUCTION EQUIPMENT

730409 RENTALS VOLVO A25G 752678 - HYDRAULIC SYSTEM



Sample No: VCP439982
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 730409 RENTALS



SAMPLE INFORMATION

Sample Number	VCP439982	VCP440255	---	---
Sample Date	08 Jul 2024	06 Oct 2023	---	---
Machine Hours	2073	803	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY

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 US 33314

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OIL CONDITION

Visc @ 40°C	cSt	42.6	43.8	---	---
Acid Number (AN)	mg KOH/g	0.37	0.27	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		3238	6588	---	---
Particles >6µm		629	1343	---	---
Particles >14µm		41	65	---	---
ISO 4406:1999 (c)		19/16/13	20/18/13	---	---
Silicon	ppm	5	2	---	---
Sodium	ppm	1	1	---	---
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	7	<1	---	---
Copper	ppm	3	2	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	70	60	---	---
Magnesium	ppm	1	1	---	---
Zinc	ppm	431	409	---	---
Phosphorus	ppm	338	316	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0095
Unique No: 11127930
Signed: Wes Davis
Report Date: 18 Jul 2024

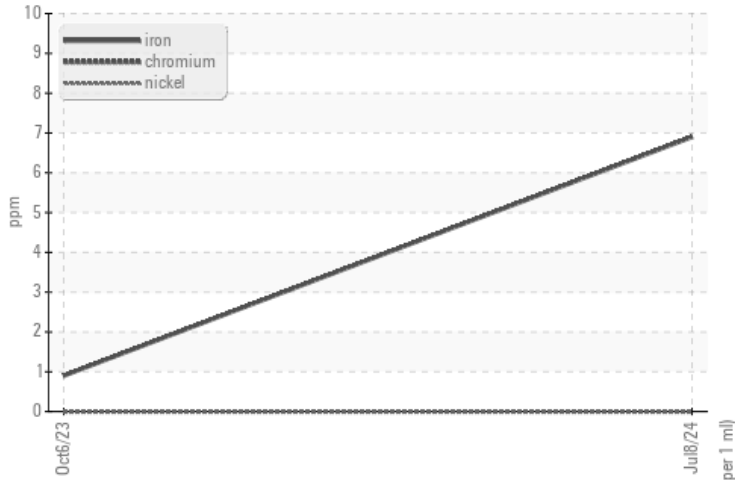


CONSTRUCTION EQUIPMENT

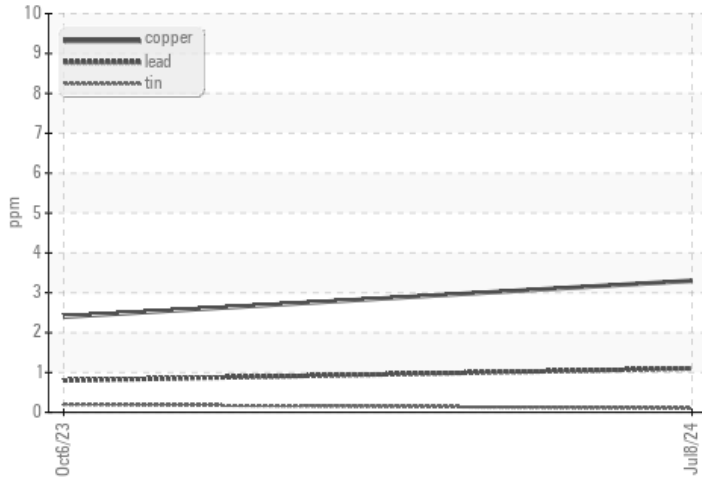


GRAPHS

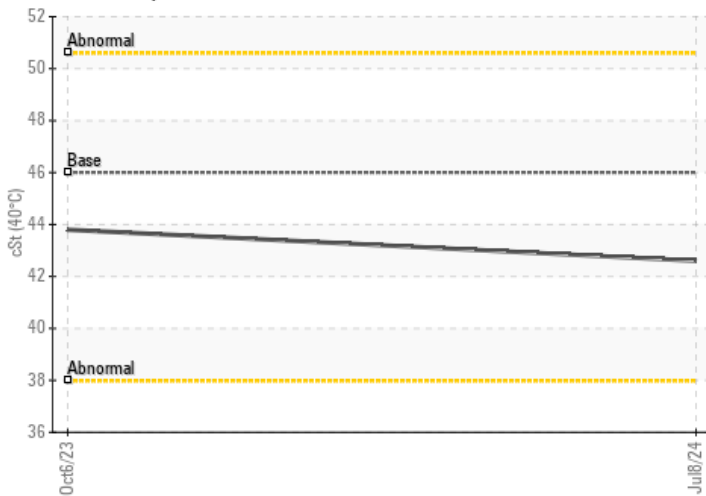
Ferrous Alloys



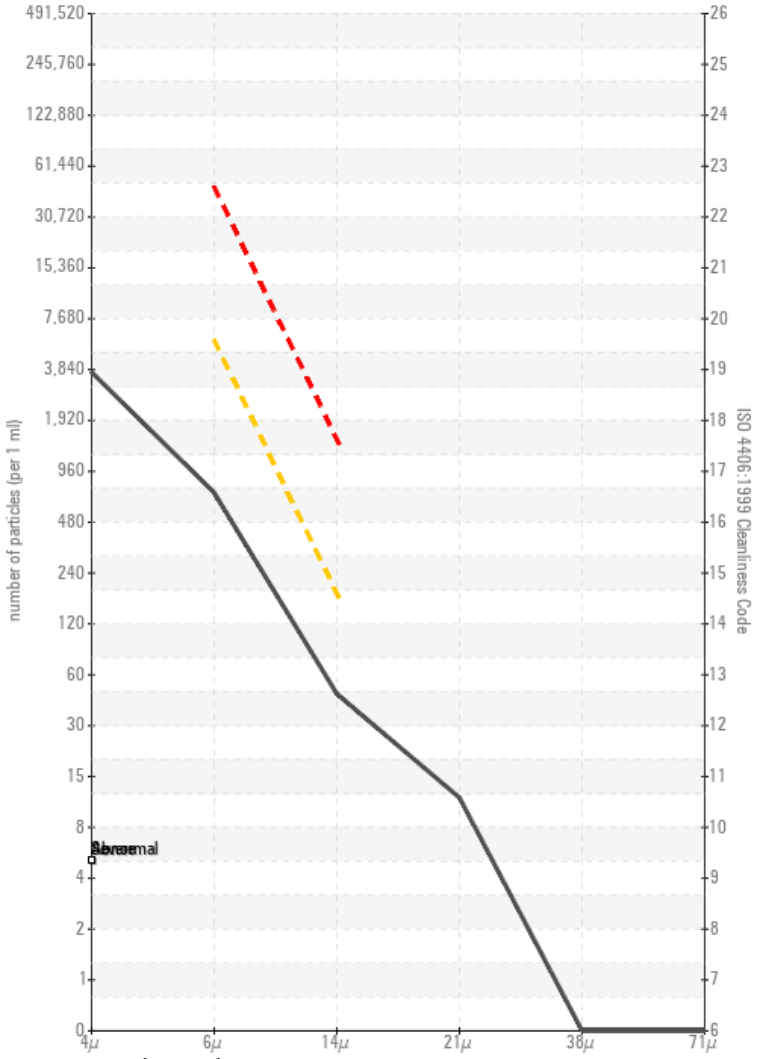
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

