



CONSTRUCTION EQUIPMENT

716459 BRIAR TEAM VOLVO A25G 752192 - HYDRAULIC SYSTEM



Sample No: VCP454534
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 716459 BRIAR TEAM



SAMPLE INFORMATION

Sample Number	VCP454534	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	4011	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 50.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.38	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 17275	---	---	---
Particles >6µm		■ 4592	---	---	---
Particles >14µm		● 305	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 858	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 662	---	---	---
Phosphorus	ppm	■ 521	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 27	---	---	---

Depot: VOLVO0096
Unique No: 11035554
Signed: Jonathan Hester
Report Date: 22 May 2024

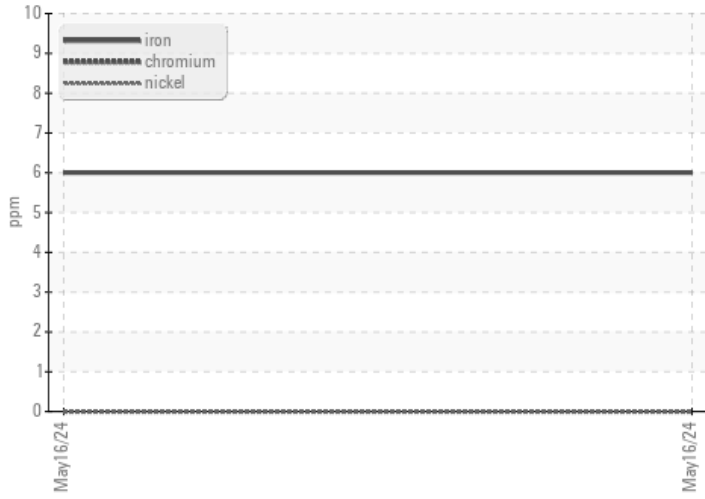


CONSTRUCTION EQUIPMENT

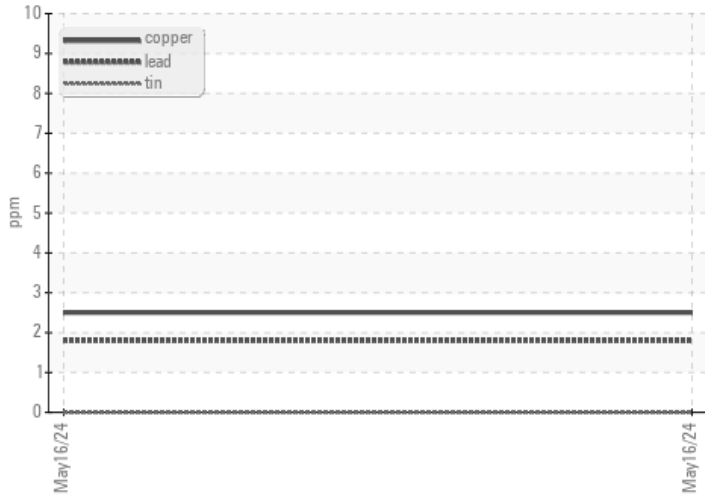


VOLVO GRAPHS

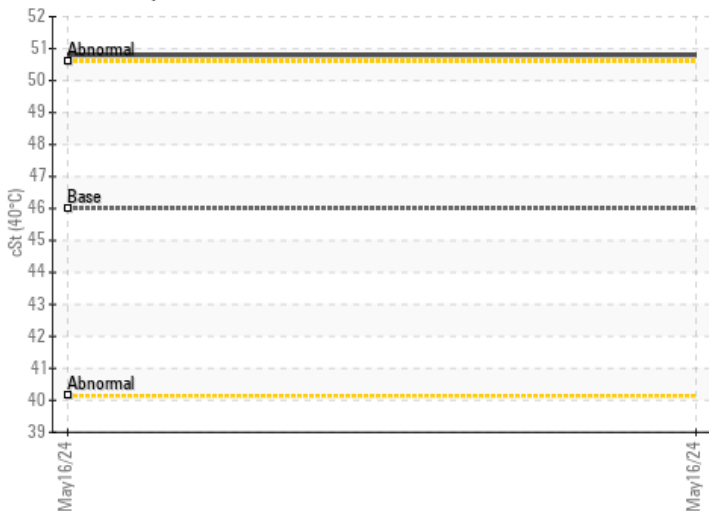
Ferrous Alloys



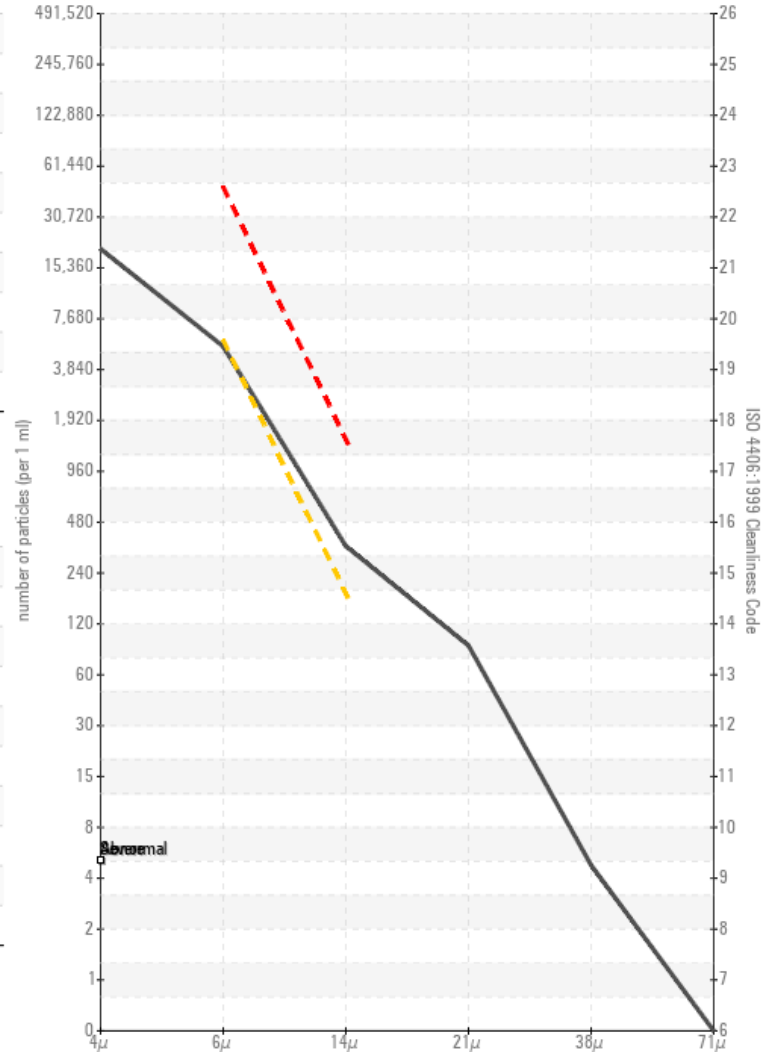
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

