



CONSTRUCTION EQUIPMENT

G08058 VOLVO EC350 3 10866 - HYDRAULIC SYSTEM



Sample No: VCP435005
Oil Type: NOT GIVEN
Job No: G08058



SAMPLE INFORMATION

Sample Number	VCP435005	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	5172	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.33	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 19052	---	---	---
Particles >6µm		█ 637	---	---	---
Particles >14µm		█ 16	---	---	---
ISO 4406:1999 (c)		21/16/11	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	---	---	---
Copper	ppm	█ 43	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	263	---	---	---
Phosphorus	ppm	318	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO8880
Unique No: 10766940
Signed: Wes Davis
Report Date: 04 Dec 2023

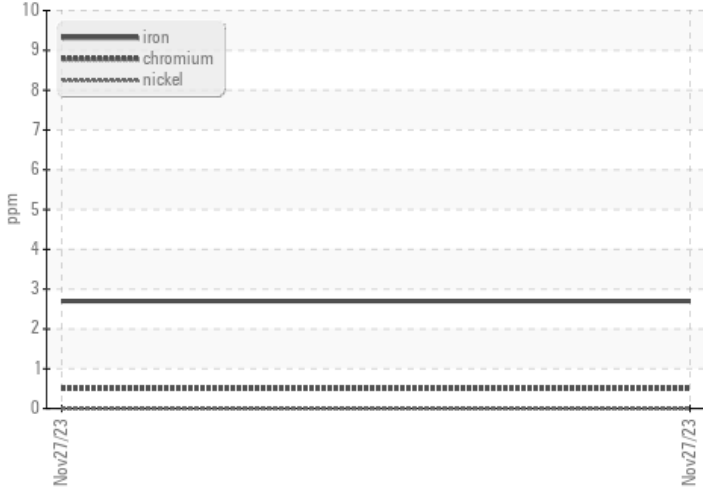


CONSTRUCTION EQUIPMENT

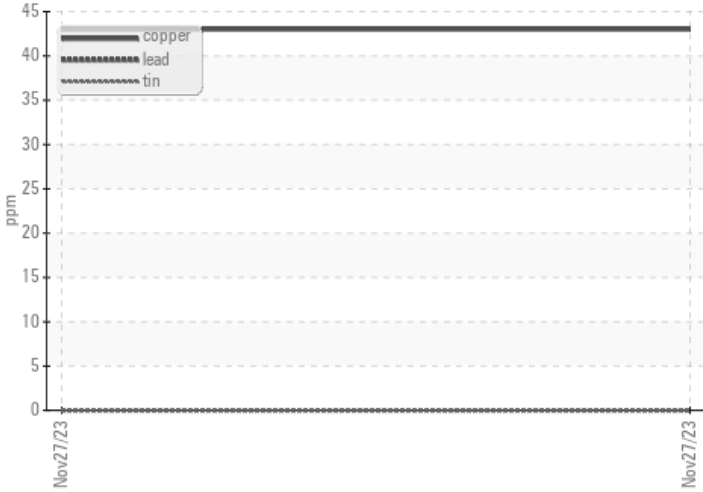


VOLVO GRAPHS

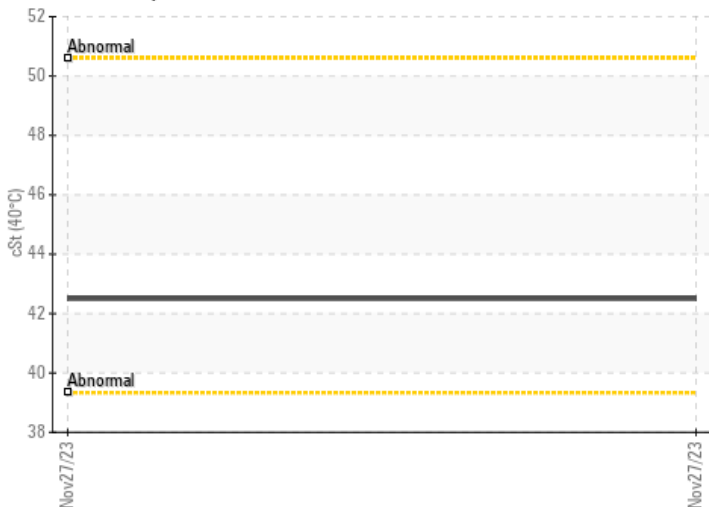
Ferrous Alloys



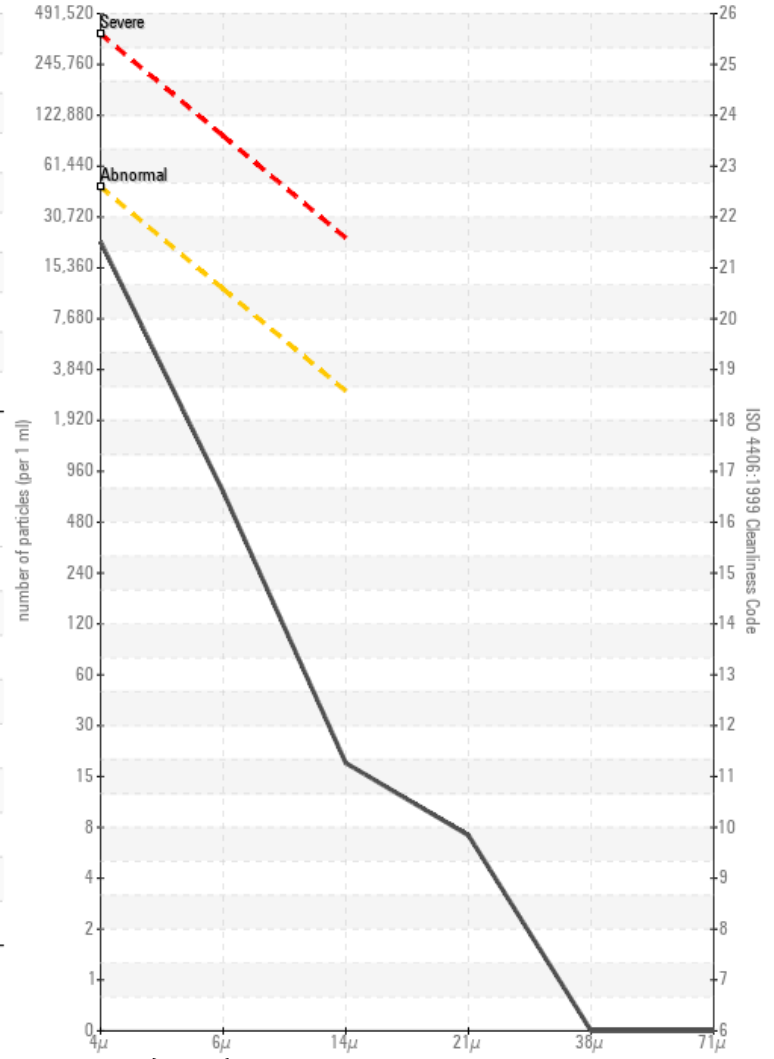
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

