



CONSTRUCTION EQUIPMENT

X58251 VOLVO EC250ELR 310708 - HYDRAULIC SYSTEM



Sample No: VCP413496
Oil Type: NOT GIVEN
Job No: X58251



SAMPLE INFORMATION

Sample Number	VCP413496	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	2639	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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 SAINT ROSE, LA
 US 70087
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 T: (504)461-0961
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



CONTAMINATION

Particles >4µm		▲ 66409	---	---	---
Particles >6µm		▲ 12801	---	---	---
Particles >14µm		█ 623	---	---	---
ISO 4406:1999 (c)		23/21/16	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. 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. There is a light amount of silt (particulates < 14 microns in size) 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	█ 2	---	---	---
Copper	ppm	█ 23	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

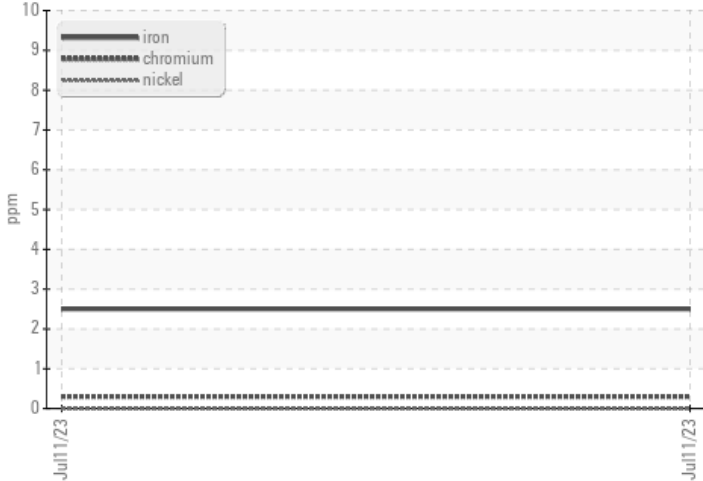
Calcium	ppm	53	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	367	---	---	---
Phosphorus	ppm	353	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: SCOSAI
Unique No: 10559878
Signed: Wes Davis
Report Date: 17 Jul 2023

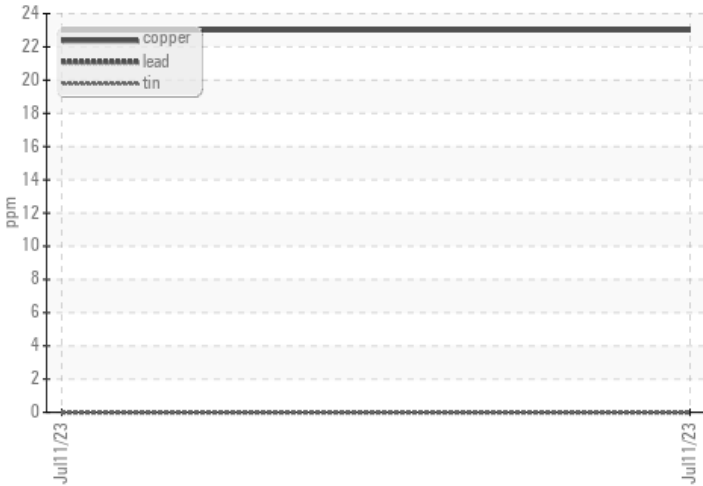


VOLVO GRAPHS

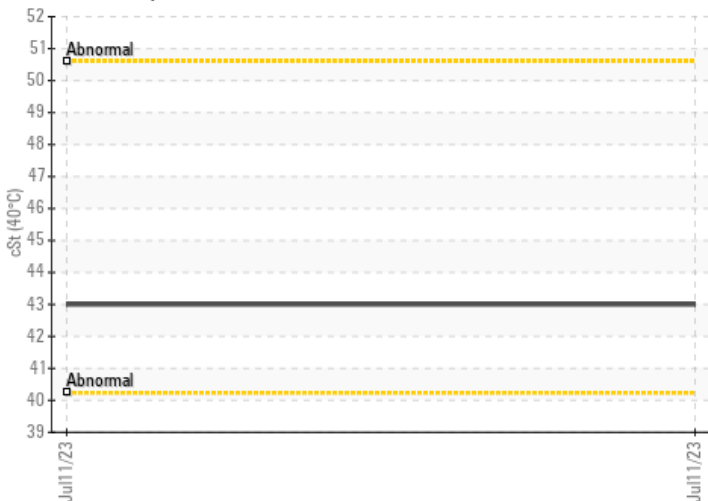
Ferrous Alloys



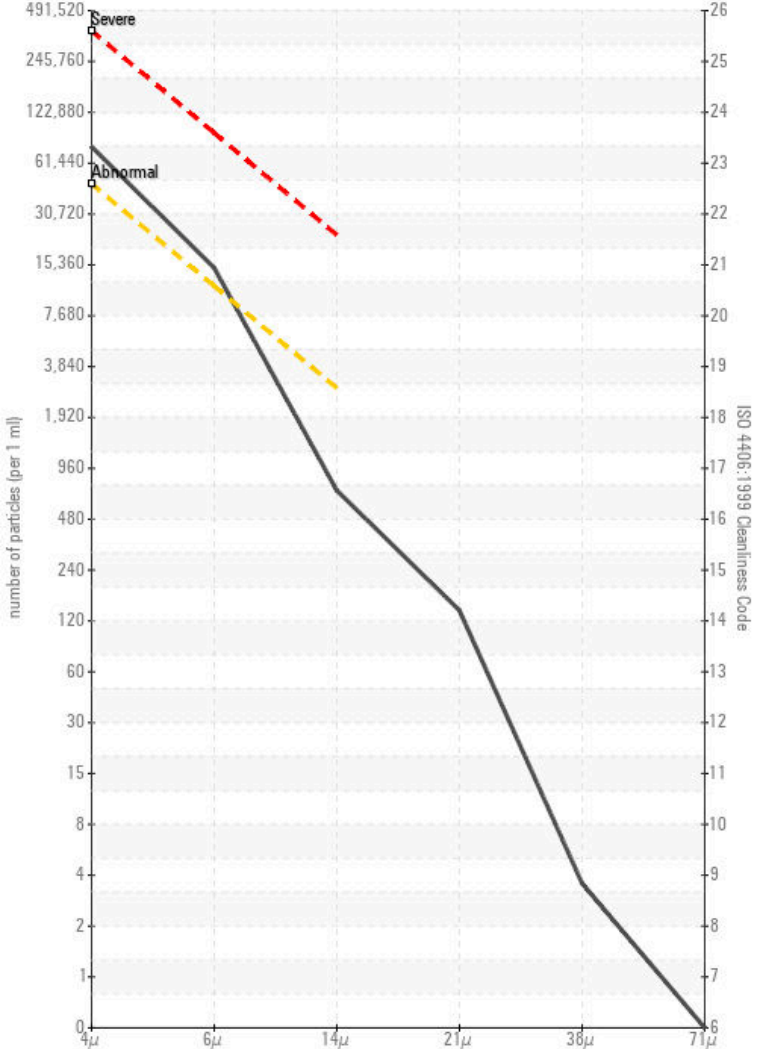
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

