



CONSTRUCTION EQUIPMENT

VOLVO ECR35E 310224 - PUMP HYDRAULIC SYSTEM



Sample No: VCP365561

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP365561	---	---	---
Sample Date	01 Dec 2022	---	---	---
Machine Hours	5240	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ROMCO INC

1350 NE LOOP 820
FORT WORTH, TX
US 76106

Contact: CHRIS BITNER
CBitner@romco.com

T:
F: (817)626-8983



OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.54	---	---	---



CONTAMINATION

Particles >4µm		▲ 56301	---	---	---
Particles >6µm		█ 6566	---	---	---
Particles >14µm		█ 87	---	---	---
ISO 4406:1999 (c)		23/20/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 5	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	64	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	446	---	---	---
Phosphorus	ppm	397	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO0081
Unique No: 10248141
Signed: Wes Davis
Report Date: 12 Dec 2022

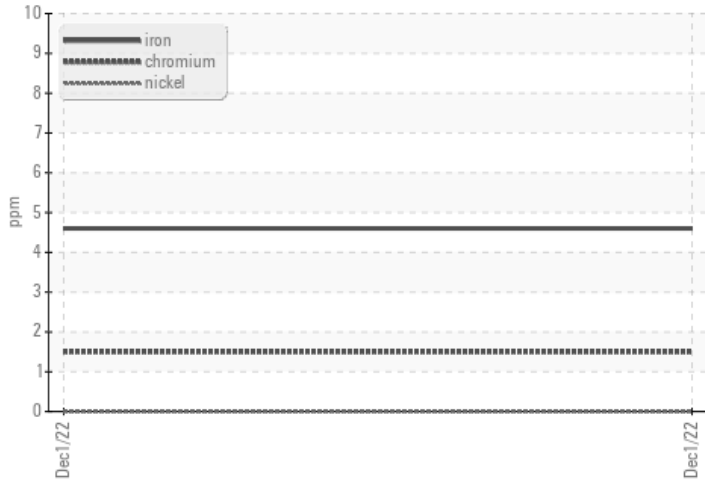


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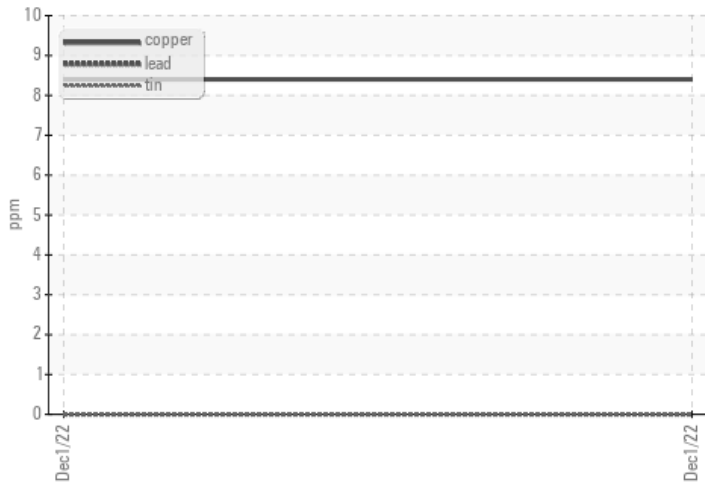


GRAPHS

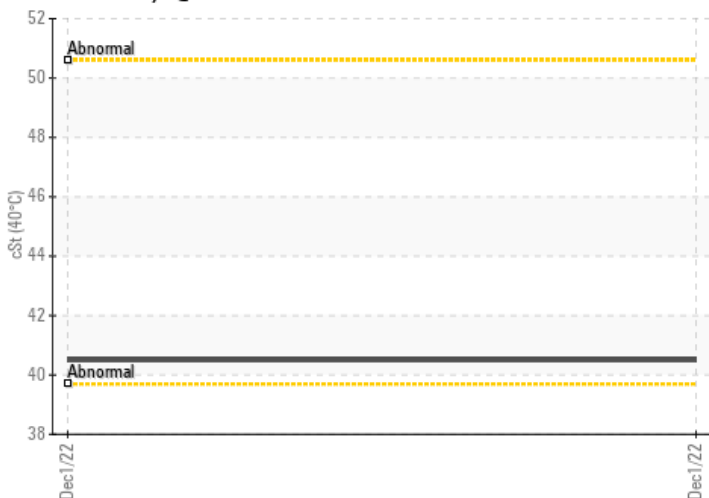
Ferrous Alloys



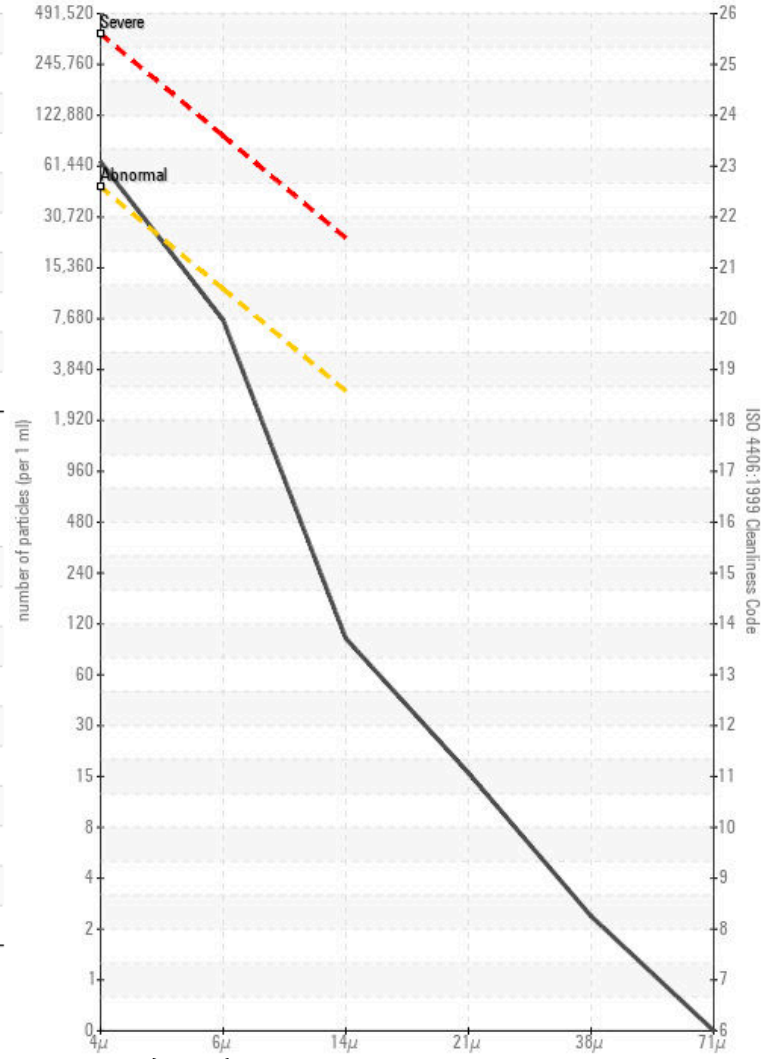
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

