CONSTRUCTION EQUIPMENT
VOLVO EC350EL 314395 - HYDRAULIC SYSTEM

Sample No: VCP0007430
Oil Type: NOT GIVEN
Job No:

ALTA EQUIPMENT COMPANY
8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256
Contact: TECHNICIAN ACCOUNT
catherine.anastasio@wearcheck.com
T:
F: (904)737-1260

SAMPLE INFORMATION

Sample Number		**VCP0007430**	---	---	---
Sample Date		**12 Sep 2023**	---	---	---
Machine Hours		**0**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**NORMAL**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**42.7**	---	---	---
Acid Number (AN)	mg KOH/g	**0.48**	---	---	---

CONTAMINATION

Particles >4µm		**6635**	---	---	---
Particles >6µm		**1432**	---	---	---
Particles >14µm		**202**	---	---	---
ISO 4406:1999 (c)		**20/18/15**	---	---	---
Silicon	ppm	**3**	---	---	---
Sodium	ppm	**<1**	---	---	---
Potassium	ppm	**<1**	---	---	---

WEAR METALS

Iron	ppm	**<1**	---	---	---
Copper	ppm	**17**	---	---	---
Lead	ppm	**0**	---	---	---
Tin	ppm	**0**	---	---	---
Aluminum	ppm	**<1**	---	---	---
Chromium	ppm	**0**	---	---	---
Molybdenum	ppm	**0**	---	---	---
Nickel	ppm	**0**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**0**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**80**	---	---	---
Magnesium	ppm	**0**	---	---	---
Zinc	ppm	**555**	---	---	---
Phosphorus	ppm	**449**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

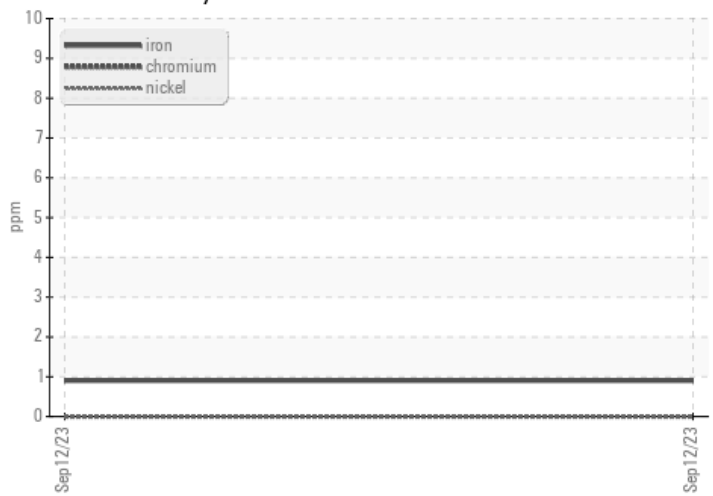
Diagnosis

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.

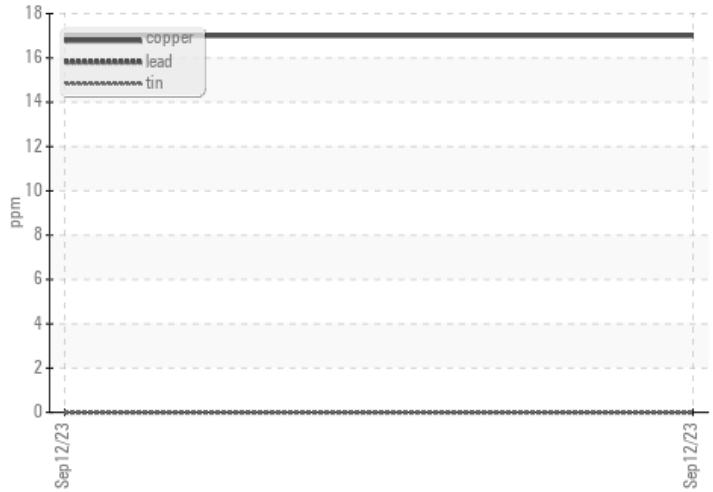
Depot: VOLVO0092
Unique No: 10647273
Signed: Wes Davis
Report Date: 16 Sep 2023

GRAPHS

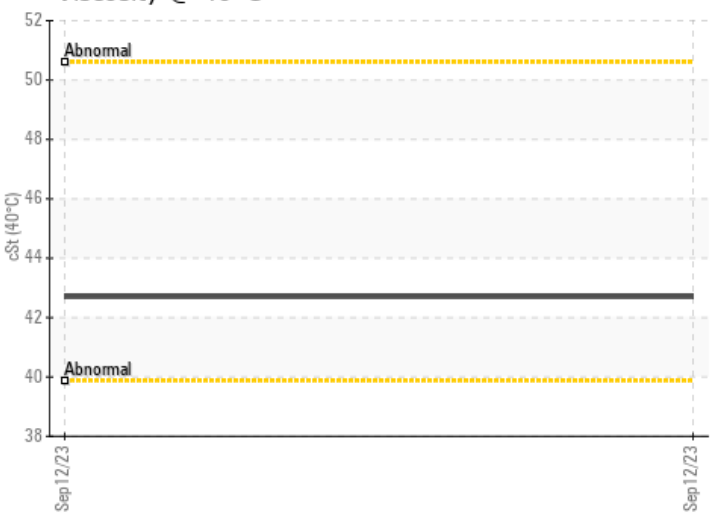
Ferrous Alloys



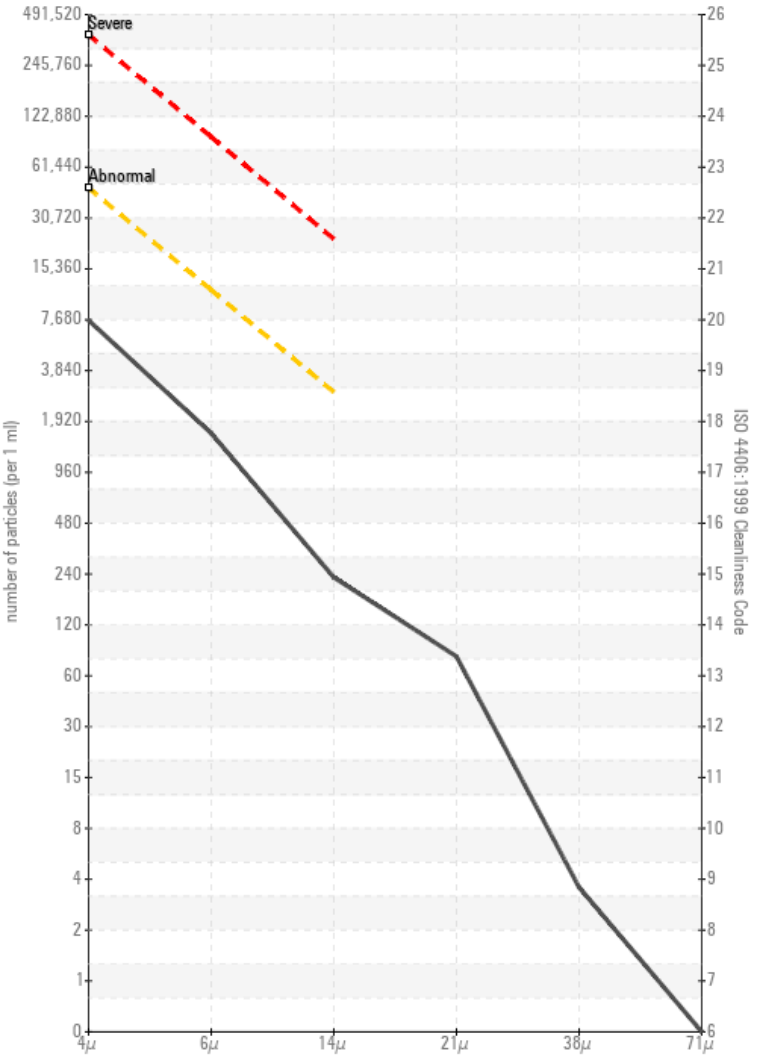
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number