



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 314395 - HYDRAULIC SYSTEM



Sample No: VCP0007929

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007929	VCP0007430	---	---
Sample Date	05 Dec 2023	12 Sep 2023	---	---
Machine Hours	1839	0	---	---
Oil Hours	1839	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
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OIL CONDITION

Visc @ 40°C	cSt	51.8	42.7	---	---
Acid Number (AN)	mg KOH/g	0.57	0.48	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		1336	6635	---	---
Particles >6µm		335	1432	---	---
Particles >14µm		20	202	---	---
ISO 4406:1999 (c)		18/16/11	20/18/15	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination 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	<1	<1	---	---
Copper	ppm	0	17	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	383	80	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	520	555	---	---
Phosphorus	ppm	424	449	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0092
Unique No: 10777457
Signed: Don Baldrige
Report Date: 08 Dec 2023

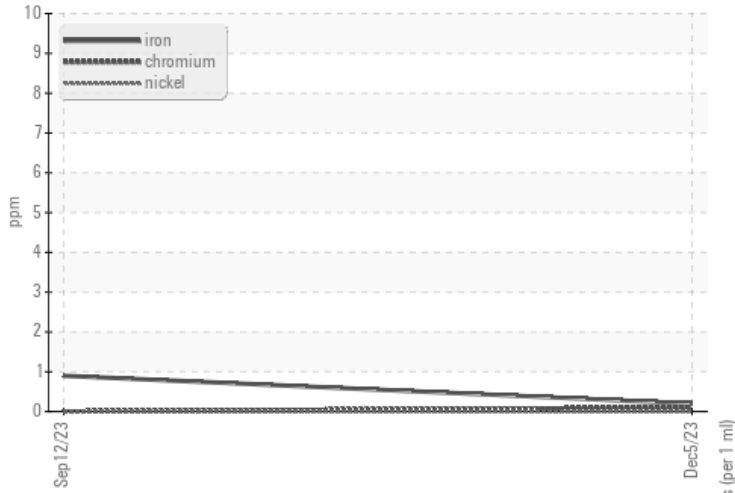


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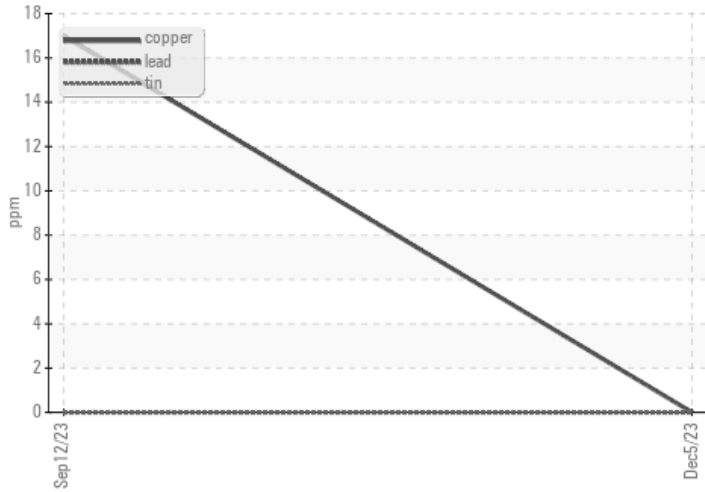


VOLVO GRAPHS

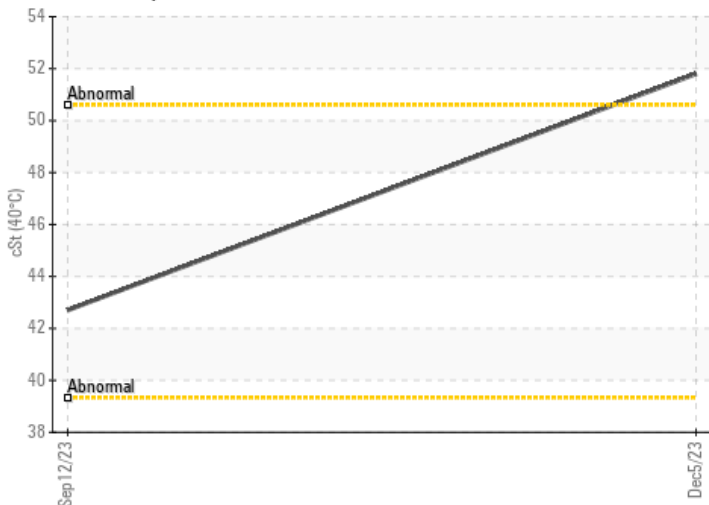
Ferrous Alloys



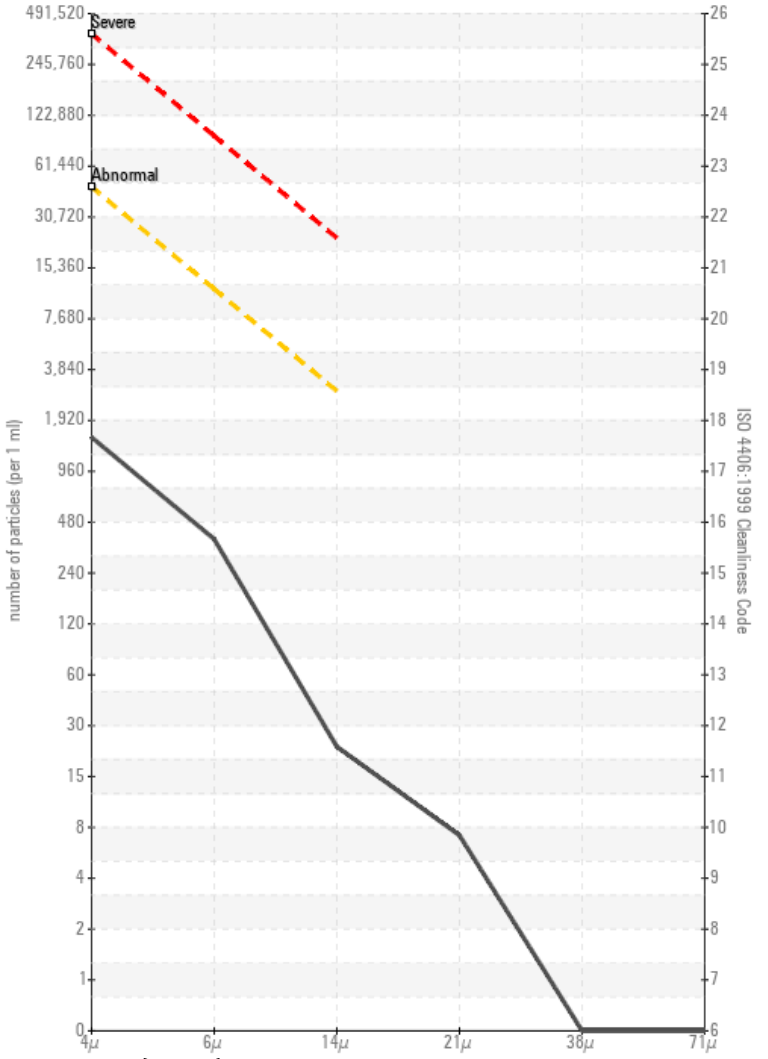
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

