



CONSTRUCTION EQUIPMENT

317984-40 VOLVO EC530EL 310121 - HYDRAULIC SYSTEM



Sample No: VCP398163
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 317984-40



SAMPLE INFORMATION

Sample Number	VCP398163	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: FRANK TROTTO
frank.trotto@altg.com
T:
F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	█ 45.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



CONTAMINATION

Particles >4µm		9779	---	---	---
Particles >6µm		█ 1065	---	---	---
Particles >14µm		█ 45	---	---	---
ISO 4406:1999 (c)		20/17/13	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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	█ <1	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 109	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 561	---	---	---
Phosphorus	ppm	█ 327	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO2990
Unique No: 10655142
Signed: Wes Davis
Report Date: 20 Sep 2023



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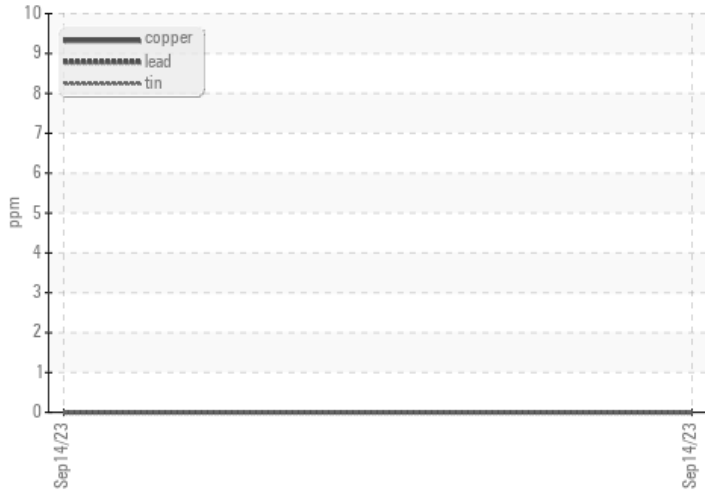


GRAPHS

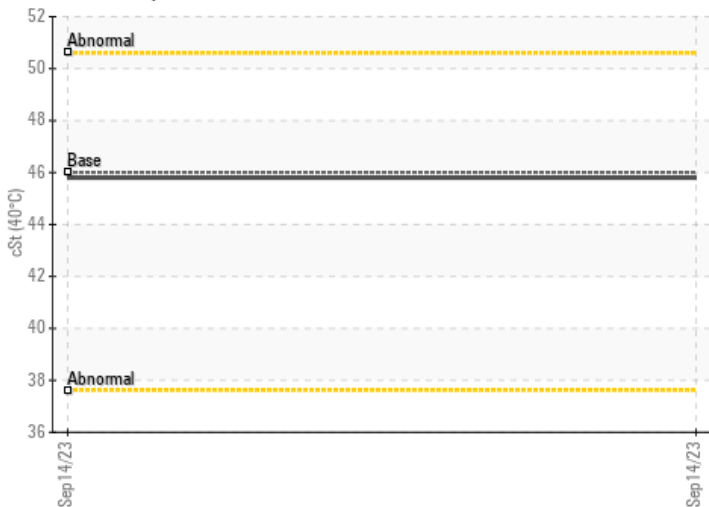
Ferrous Alloys



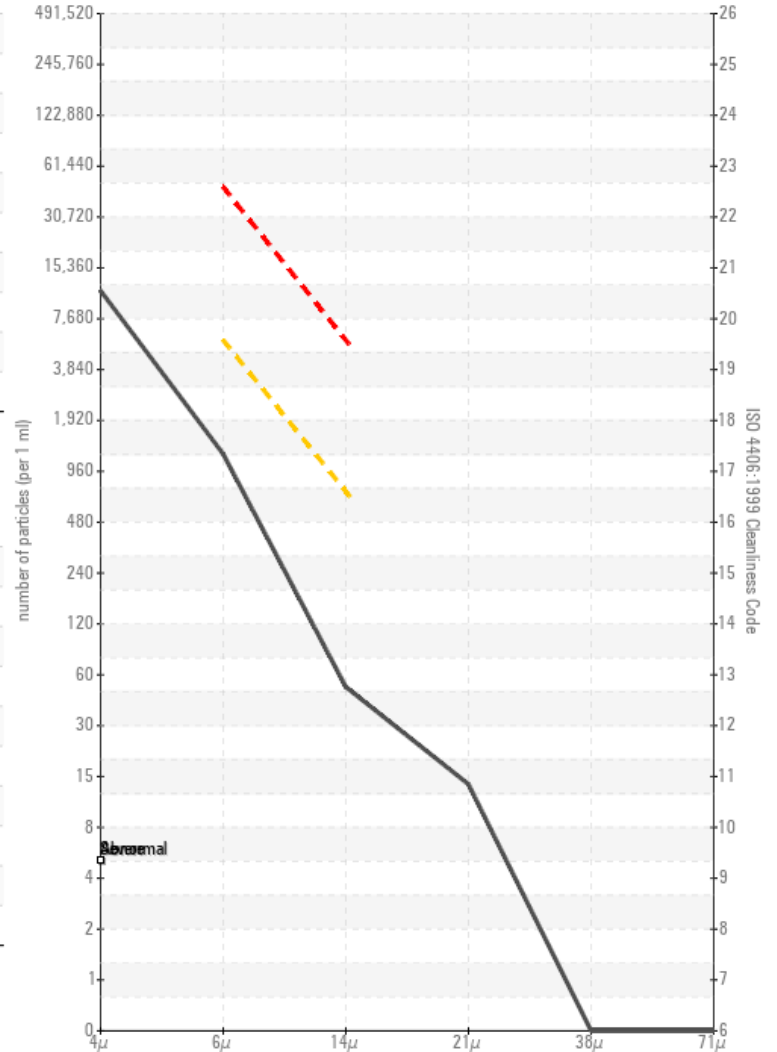
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

