



CONSTRUCTION EQUIPMENT

A12671 VOLVO V8300-EVC A1110858 - HYDRAULIC SYSTEM



Sample No: VCP452783
Oil Type: MOBIL HYDRAULIC OIL AW 46
Job No: A12671



SAMPLE INFORMATION

Sample Number	VCP452783	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	575	---	---	---
Oil Hours	575	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.47	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 20162	---	---	---
Particles >6µm		█ 5134	---	---	---
Particles >14µm		█ 309	---	---	---
ISO 4406:1999 (c)		22/20/15	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 0	---	---	---
Copper	ppm	█ 14	---	---	---
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	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 89	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 547	---	---	---
Phosphorus	ppm	█ 435	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: WASTEL
Unique No: 11048873
Signed: Angela Borella
Report Date: 30 May 2024

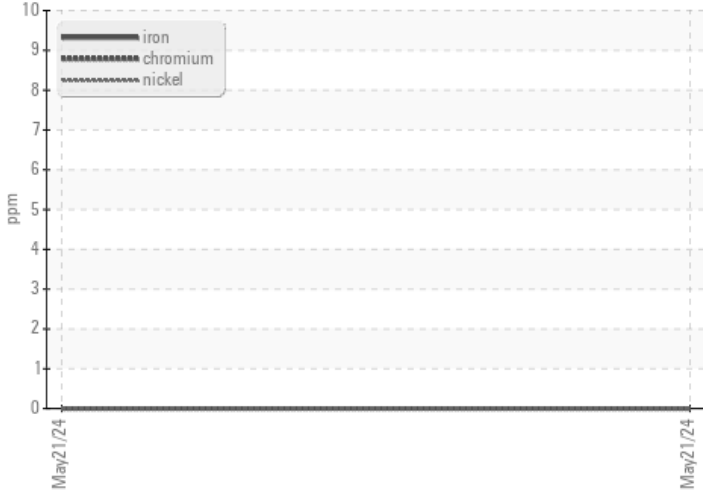


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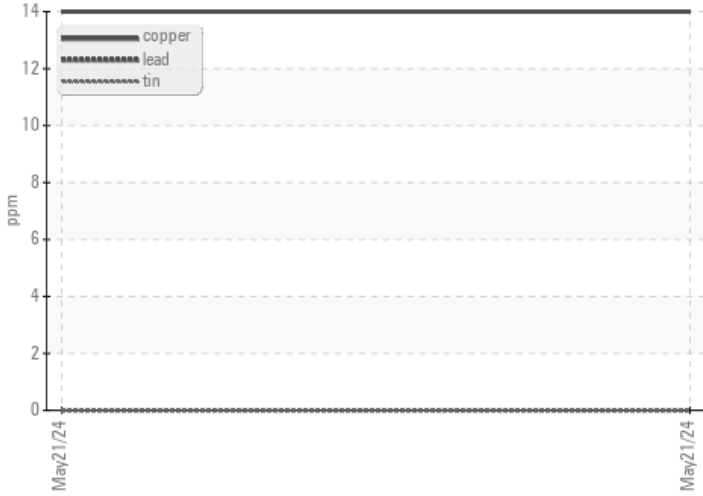


VOLVO GRAPHS

Ferrous Alloys



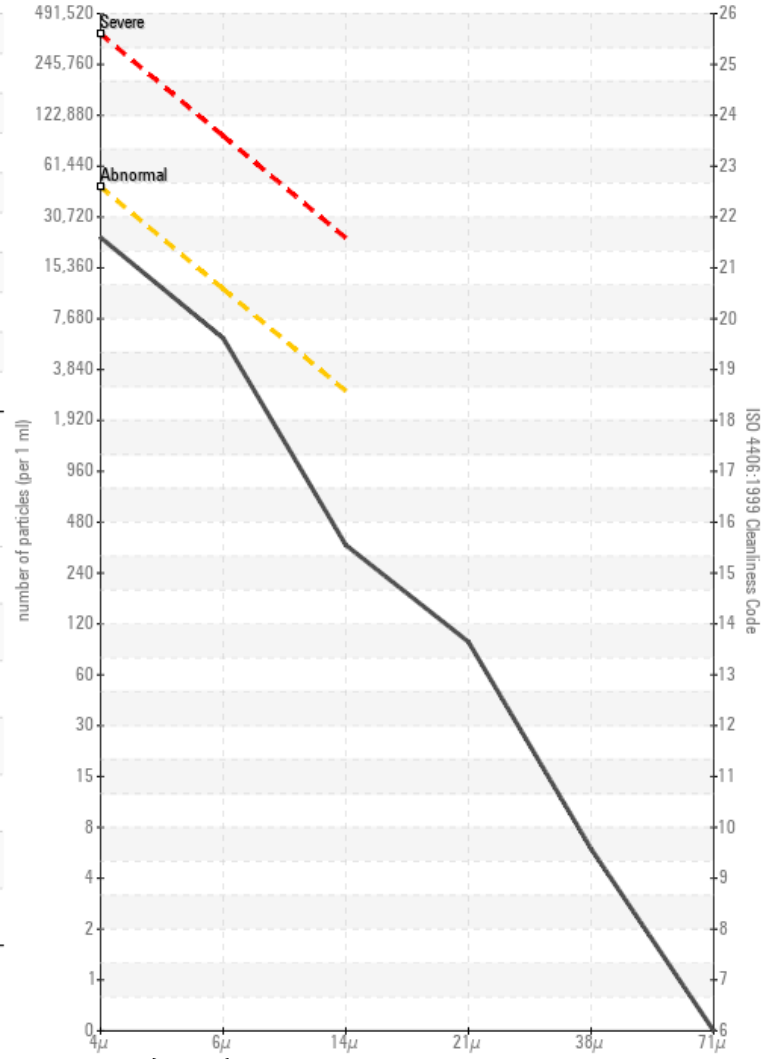
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

