



CONSTRUCTION EQUIPMENT

X59096 WO LANDFILL VOLVO A25D 15825 - HYDRAULIC SYSTEM



Sample No: VCP426483
Oil Type: {unknown}
Job No: X59096 WO LANDFILL



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SAMPLE INFORMATION

Sample Number	VCP426483	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	11952	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 46.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.48	---	---	---



CONTAMINATION

Water	%	▲ 0.349	---	---	---
Particles >4µm		█ 1079	---	---	---
Particles >6µm		█ 588	---	---	---
Particles >14µm		█ 100	---	---	---
ISO 4406:1999 (c)		17/16/14	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	69	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	455	---	---	---
Phosphorus	ppm	382	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

We advise that you check for the source of water entry. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is unacceptable. There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: SCOSAI
Unique No: 10830099
Signed: Jonathan Hester
Report Date: 16 Jan 2024

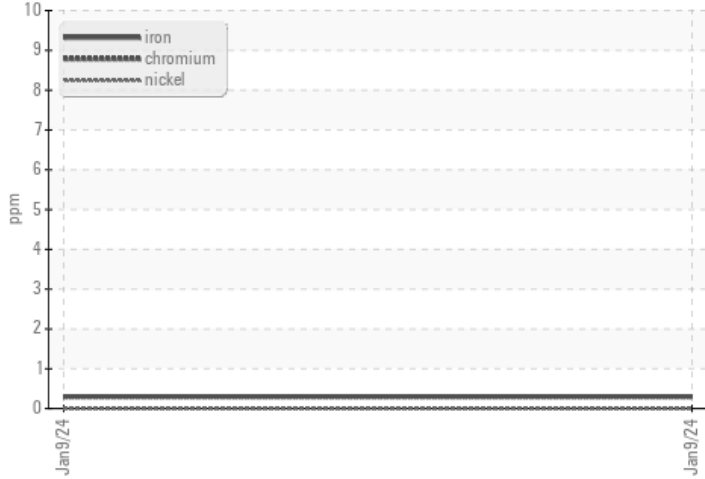


CONSTRUCTION EQUIPMENT

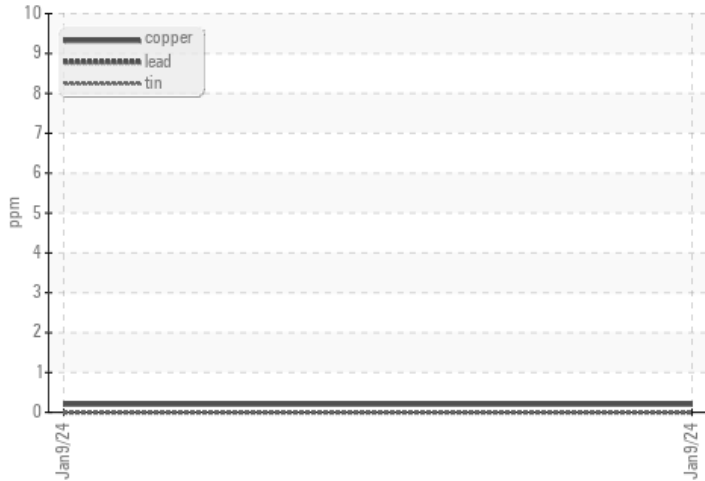


VOLVO GRAPHS

Ferrous Alloys



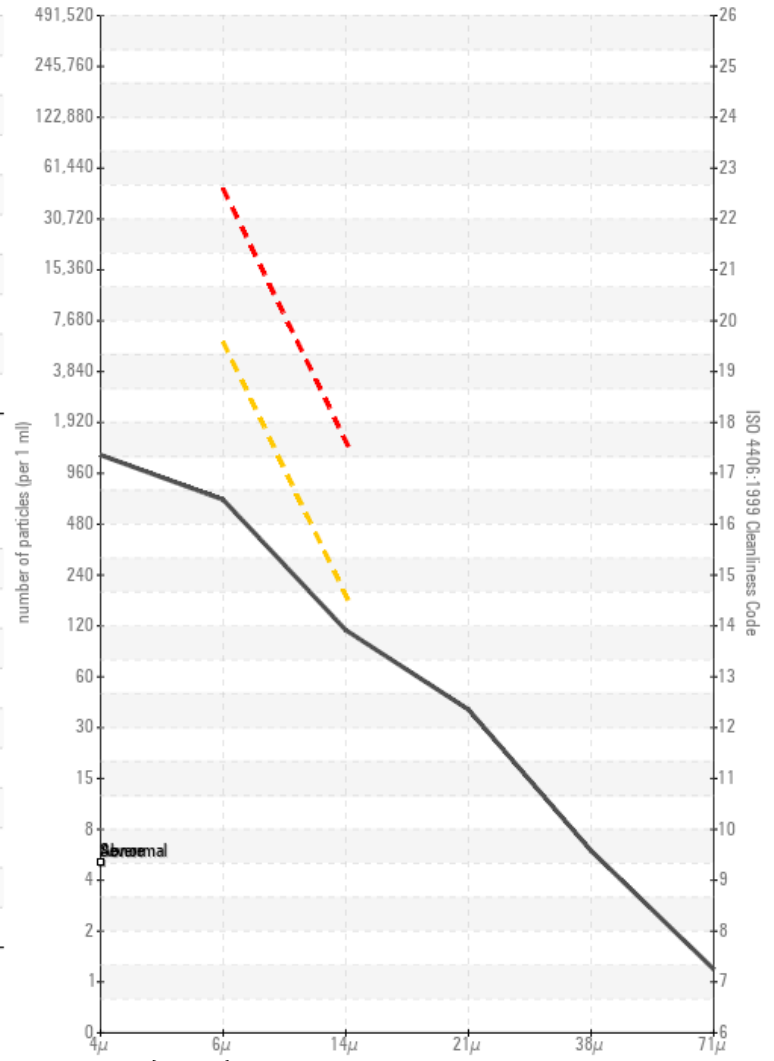
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

