



CONSTRUCTION EQUIPMENT

A11996 VOLVO L90H 624901 - HYDRAULIC SYSTEM



Sample No: VCP408154
Oil Type: MOBIL HYDRAULIC OIL AW 46
Job No: A11996



SAMPLE INFORMATION

Sample Number	VCP408154	---	---	---
Sample Date	27 Jan 2024	---	---	---
Machine Hours	9070	---	---	---
Oil Hours	2000	---	---	---
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	█41.7	---	---	---
Acid Number (AN)	mg KOH/g	█0.41	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█1093	---	---	---
Particles >6µm		█337	---	---	---
Particles >14µm		█30	---	---	---
ISO 4406:1999 (c)		17/16/12	---	---	---
Silicon	ppm	█3	---	---	---
Sodium	ppm	█<1	---	---	---
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	█6	---	---	---
Copper	ppm	█2	---	---	---
Lead	ppm	█2	---	---	---
Tin	ppm	█<1	---	---	---
Aluminum	ppm	█2	---	---	---
Chromium	ppm	█2	---	---	---
Molybdenum	ppm	█<1	---	---	---
Nickel	ppm	█<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	61	---	---	---
Magnesium	ppm	█2	---	---	---
Zinc	ppm	█439	---	---	---
Phosphorus	ppm	█363	---	---	---
Barium	ppm	█13	---	---	---
Boron	ppm	█0	---	---	---

Depot: WASTEL
Unique No: 10873451
Signed: Wes Davis
Report Date: 13 Feb 2024

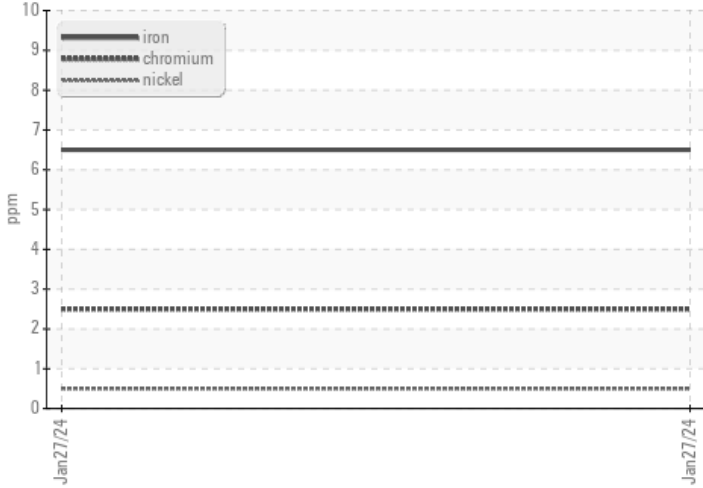


CONSTRUCTION EQUIPMENT

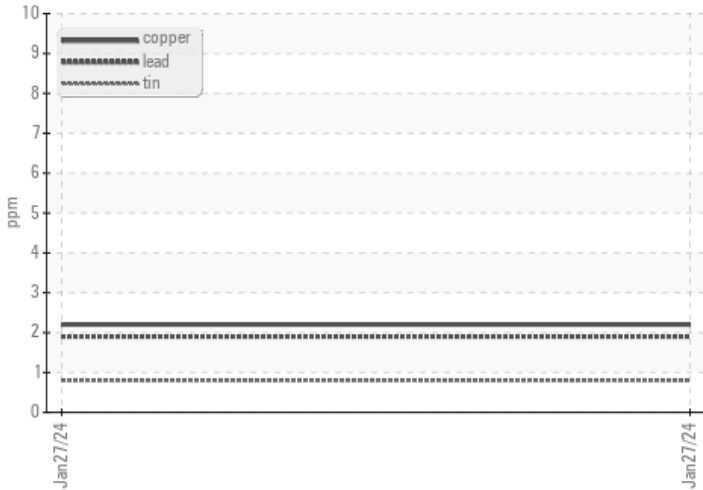


VOLVO GRAPHS

Ferrous Alloys



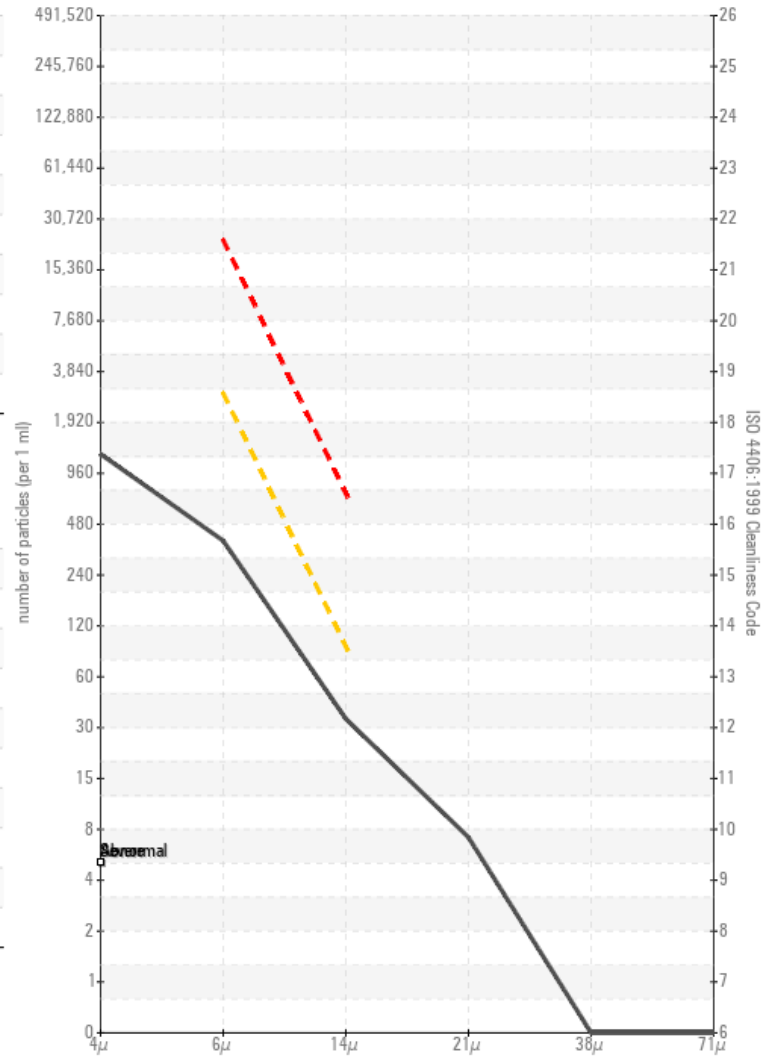
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

