



CONSTRUCTION EQUIPMENT

225474 VOLVO L90H 625933 - HYDRAULIC SYSTEM



Sample No: VCP434512
Oil Type: NOT GIVEN
Job No: 225474



SAMPLE INFORMATION

Sample Number	VCP434512	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	4532	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

IAA - INSURANCE AUTO AUCTIONS - WESTCHESTER VC
 2 WESTBROOK CORPORATE CENTER STE. 5
 WESTCHESTER, IL
 US 60154
 Contact: BILLY BUTLER



OIL CONDITION

Visc @ 40°C	cSt	█ 43.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.19	---	---	---

T: (404)275-6868
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 5675	---	---	---
Particles >6µm		█ 1451	---	---	---
Particles >14µm		▲ 171	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present 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	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	47	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	420	---	---	---
Phosphorus	ppm	340	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: INSWES
Unique No: 10783234
Signed: Don Baldrige
Report Date: 17 Dec 2023

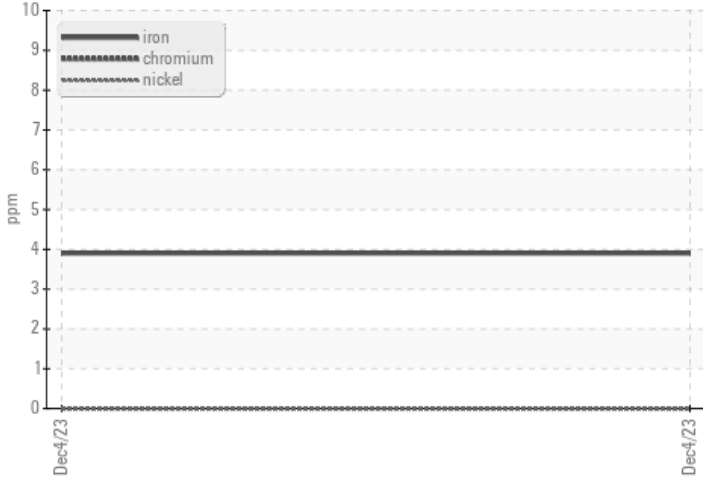


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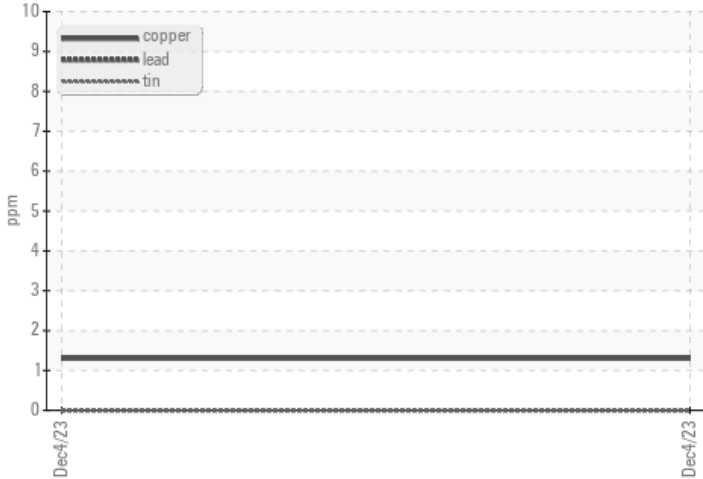


VOLVO GRAPHS

Ferrous Alloys



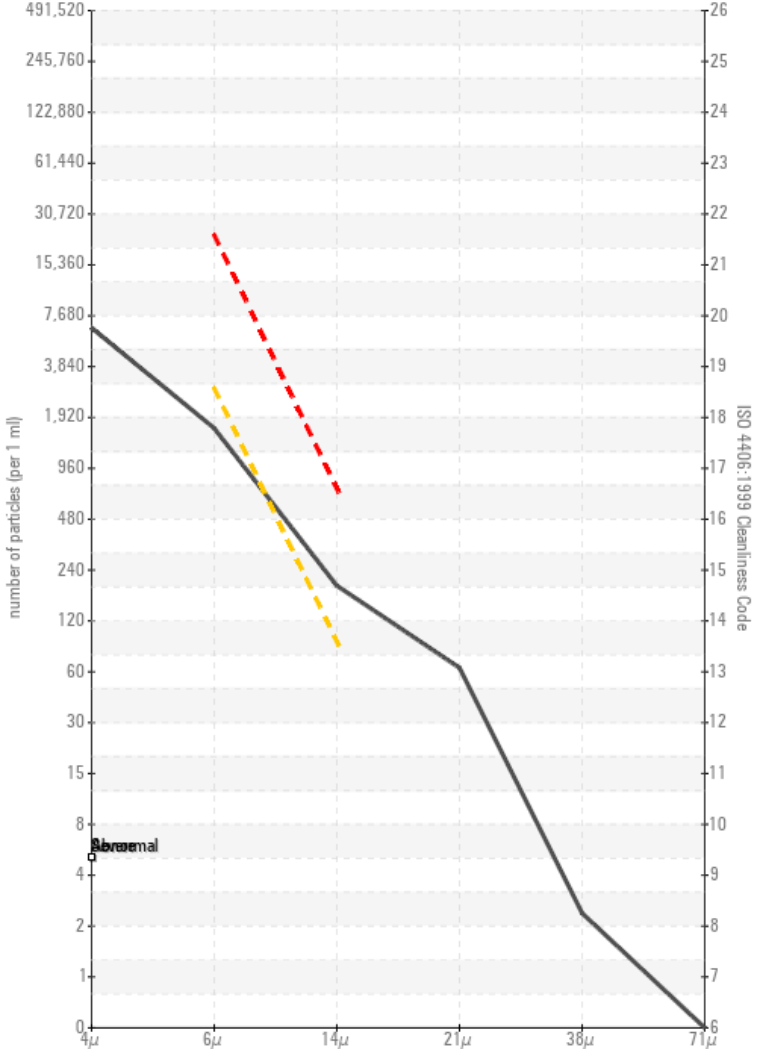
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

