



CONSTRUCTION EQUIPMENT

10225 VOLVO L90H 625233 - HYDRAULIC SYSTEM



Sample No: VCP432270
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 10225



SAMPLE INFORMATION

Sample Number	VCP432270	VCP344946	---	---
Sample Date	17 Jan 2024	14 Jan 2022	---	---
Machine Hours	3932	2030	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ATTENTION	---	---

RECYCLE 1
 4700 LAWRENCE ST
 HYATTSVILLE, MD
 US 20781
 Contact: MIKE DESJARDINS
 mdesjarkins@wbwaste.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	41.8	42.1	---	---
Acid Number (AN)	mg KOH/g	0.38	0.29	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		1015	8247	---	---
Particles >6µm		164	512	---	---
Particles >14µm		16	33	---	---
ISO 4406:1999 (c)		17/15/11	20/16/12	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	1	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	11	7	---	---
Copper	ppm	2	2	---	---
Lead	ppm	1	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	145	148	---	---
Magnesium	ppm	32	30	---	---
Zinc	ppm	422	441	---	---
Phosphorus	ppm	368	340	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	<1	2	---	---

Depot: RECHYA
Unique No: 10845700
Signed: Wes Davis
Report Date: 25 Jan 2024

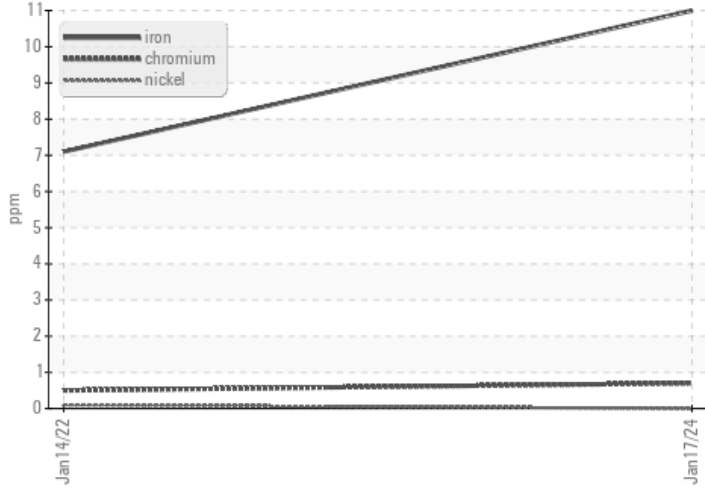


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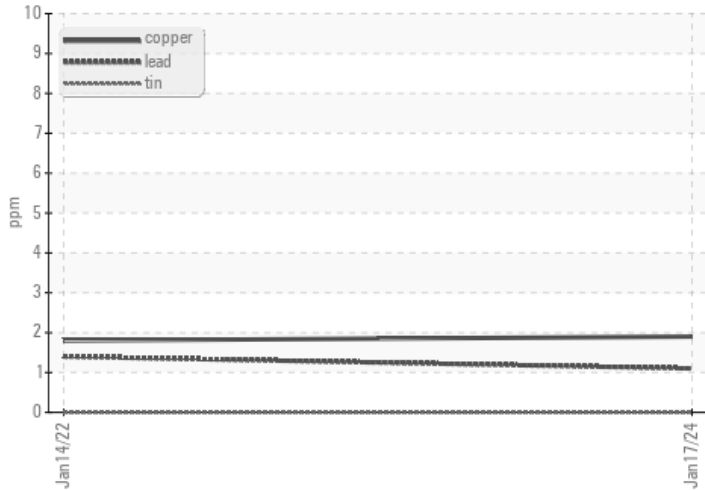


GRAPHS

Ferrous Alloys



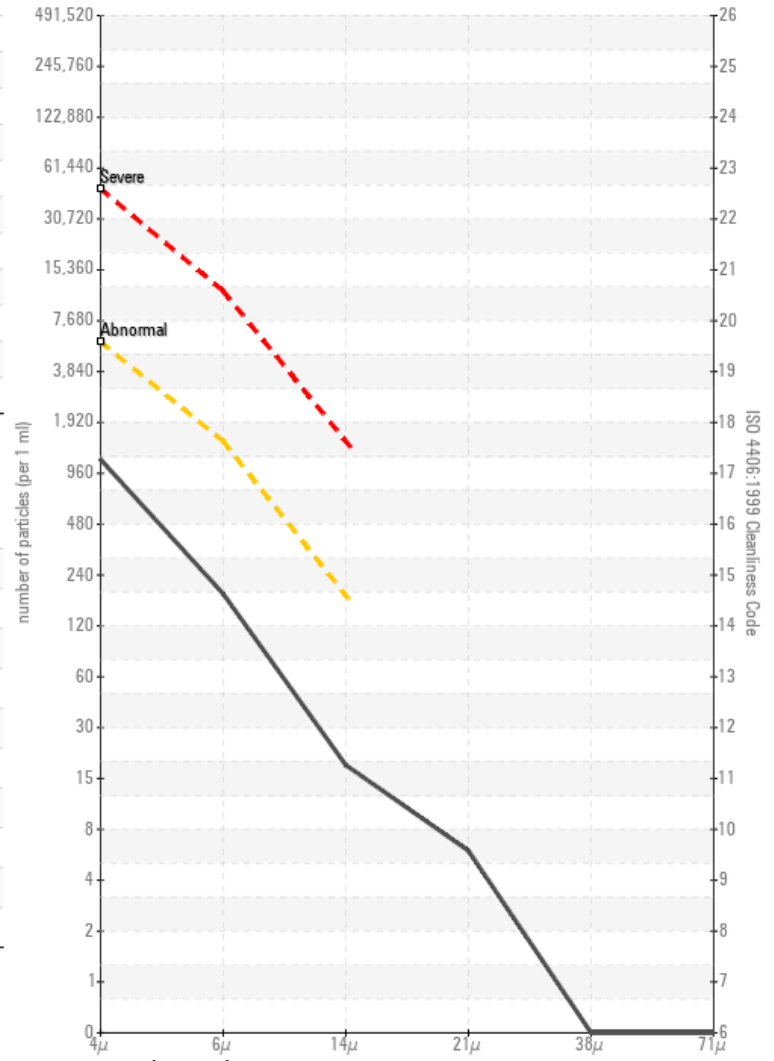
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

