



CONSTRUCTION EQUIPMENT

VOLVO L90G 617476 - HYDRAULIC SYSTEM



Sample No: VCP384806
Oil Type: DRYDENE SB 10W30
Job No:



SAMPLE INFORMATION

Sample Number	VCP384806	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	6000	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

DH FUNK AND SONS LLC
 3995 CONTINENTAL DRIVE
 COLUMBIA, PA
 US 17512
 Contact: GARY SHEPHERD
 GSHEPHERD@DHFUNK.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 61.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.30	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 3628	---	---	---
Particles >6µm		█ 1319	---	---	---
Particles >14µm		▲ 142	---	---	---
ISO 4406:1999 (c)		19/18/14	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) 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	█ 5	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1336	---	---	---
Magnesium	ppm	522	---	---	---
Zinc	ppm	794	---	---	---
Phosphorus	ppm	664	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	94	---	---	---

Depot: DHFCOL
Unique No: 10896526
Signed: Wes Davis
Report Date: 26 Feb 2024

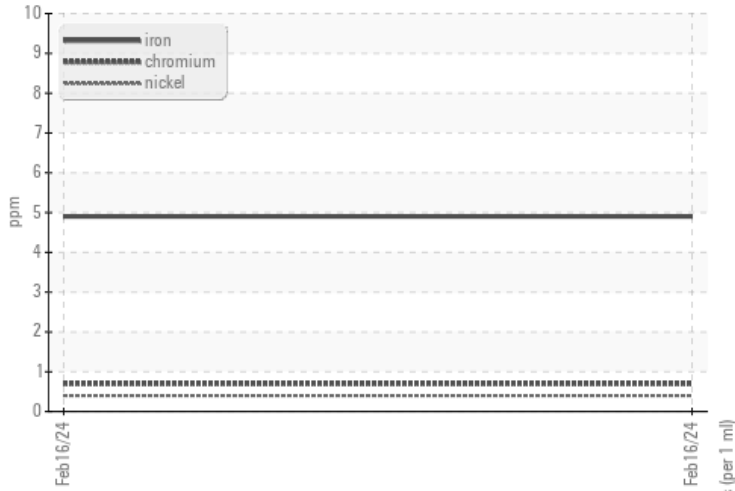


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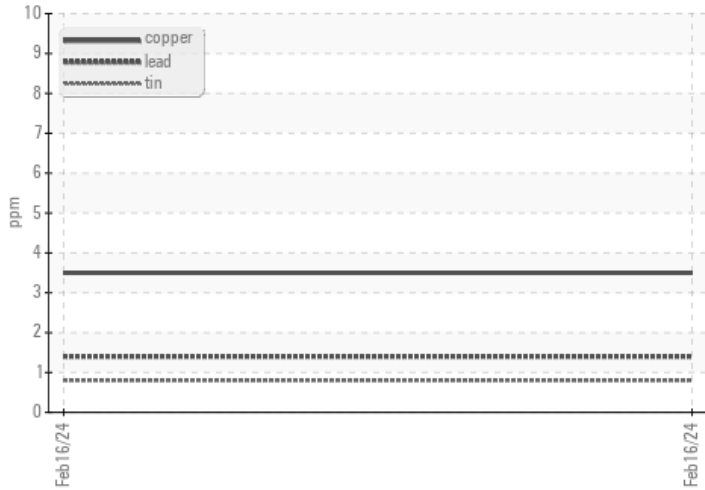


GRAPHS

Ferrous Alloys



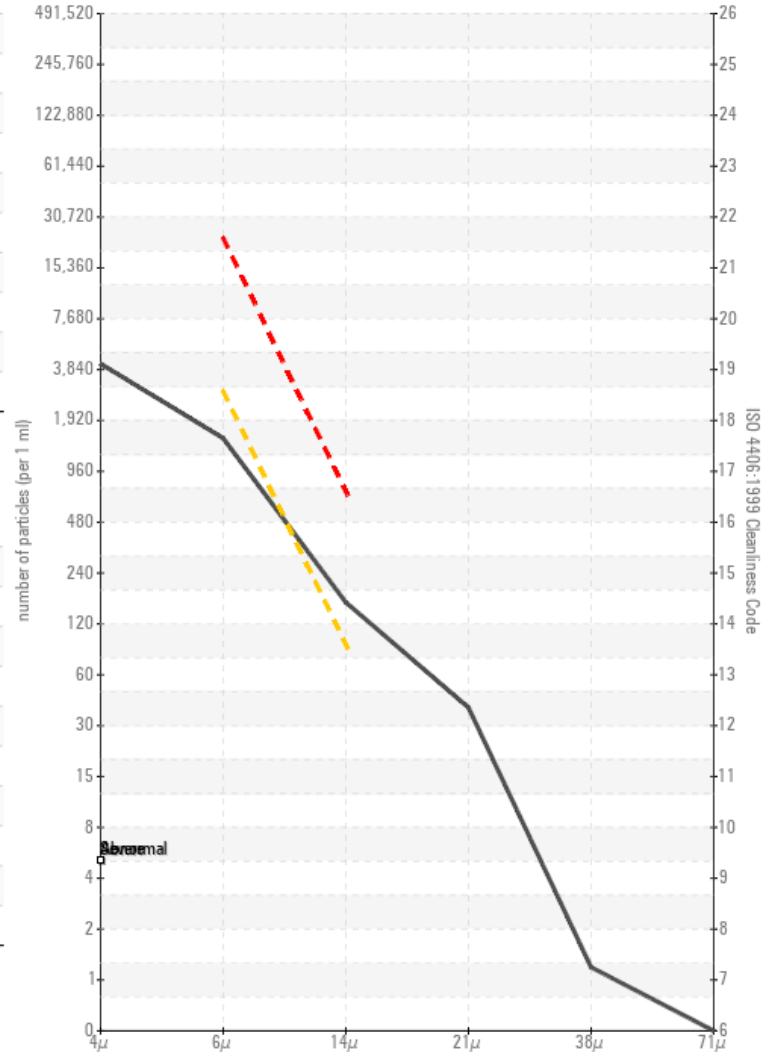
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

