



CONSTRUCTION EQUIPMENT

VOLVO L150E 10059 - HYDRAULIC SYSTEM



Sample No: VCP433258
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP433258	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	39066	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

GROOT RECYCLING SERVICE
 3 PROVIDENCE DRIVE
 GLENVIEW, IL
 US 60025
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 43.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	---	---	---

T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 14925	---	---	---
Particles >6µm		▲ 4139	---	---	---
Particles >14µm		▲ 319	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 0	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

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 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	█ 2	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
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	█ 68	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 468	---	---	---
Phosphorus	ppm	█ 306	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: GROGLE
Unique No: 10856724
Signed: Don Baldrige
Report Date: 01 Feb 2024

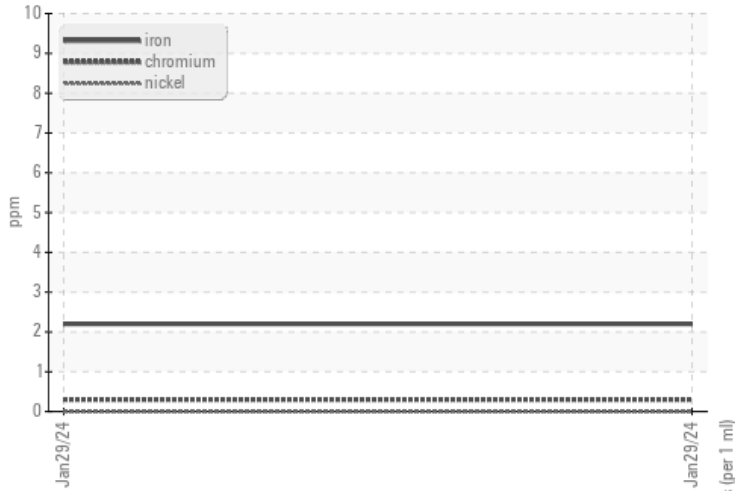


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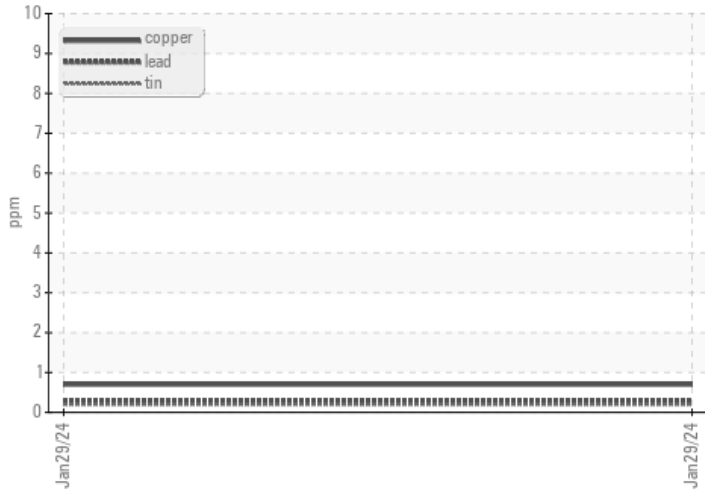


GRAPHS

Ferrous Alloys



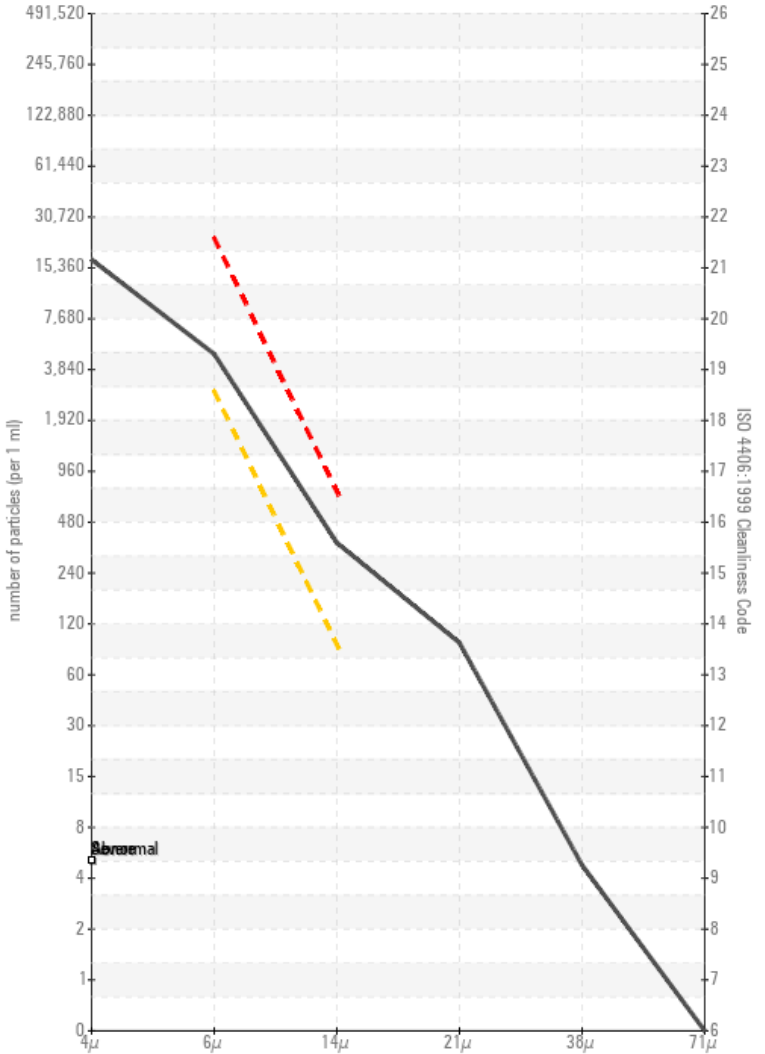
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

