



CONSTRUCTION EQUIPMENT

701331 VOLVO L150H 6495 - HYDRAULIC SYSTEM



Sample No: VCP446373
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 701331



ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
 michael.beebe@ocfl.net
 T: (407)836-6652
 F: (407)836-6650



SAMPLE INFORMATION

Sample Number	VCP446373	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	8737	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 38.6	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.559	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 32827	---	---	---
Particles >6µm		▲ 8564	---	---	---
Particles >14µm		▲ 604	---	---	---
ISO 4406:1999 (c)		22/20/16	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 265	---	---	---
Magnesium	ppm	■ 23	---	---	---
Zinc	ppm	■ 352	---	---	---
Phosphorus	ppm	■ 334	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 8	---	---	---

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.

Depot: ORAORL
Unique No: 10980322
Signed: Don Baldrige
Report Date: 18 Apr 2024

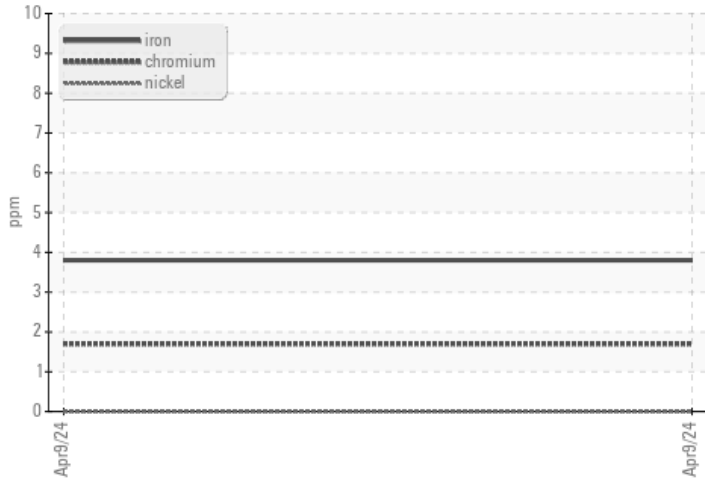


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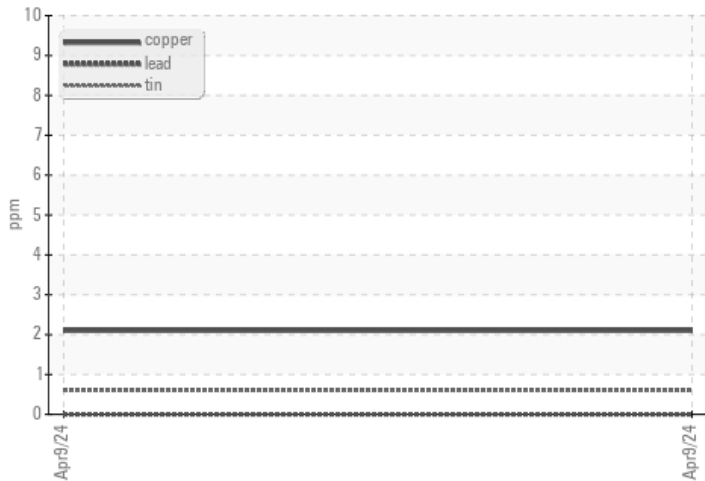


GRAPHS

Ferrous Alloys



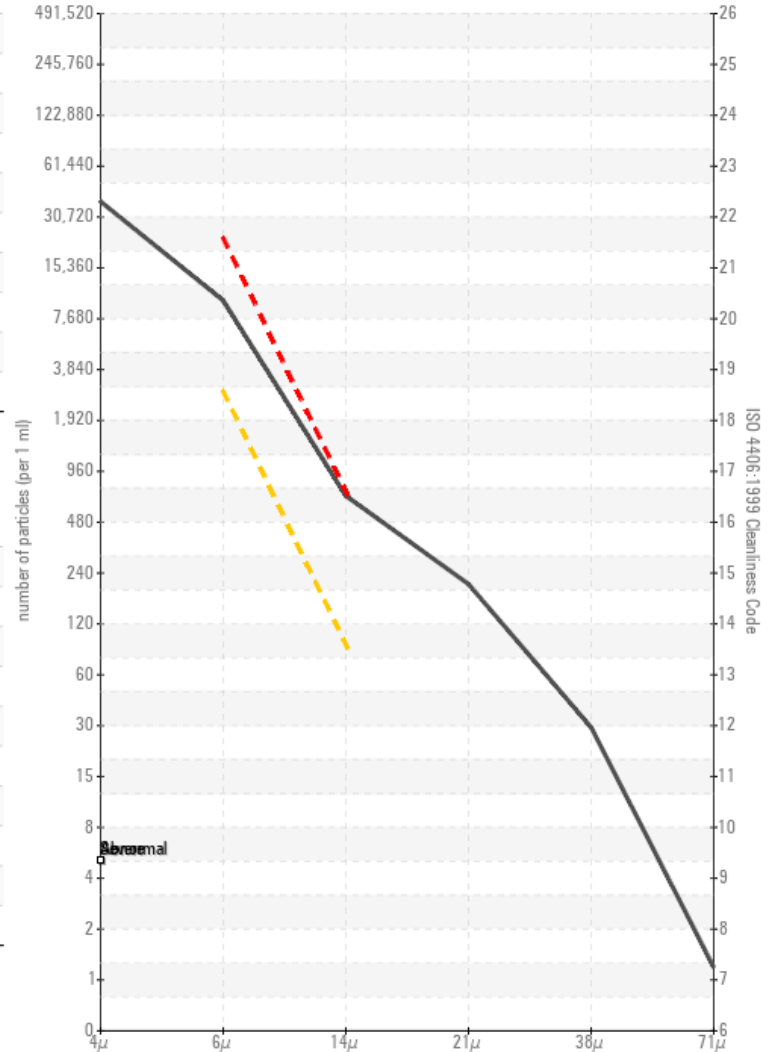
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

