



CONSTRUCTION EQUIPMENT

527633 VOLVO L60H 623294 - HYDRAULIC SYSTEM



Sample No: VCP446350
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 527633



SAMPLE INFORMATION

Sample Number	VCP446350	VCP430486	VCP432331	---
Sample Date	05 Apr 2024	14 Feb 2024	11 Oct 2023	---
Machine Hours	2319	2013	1079	---
Oil Hours	2319	2013	1079	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ATTENTION	ABNORMAL	ATTENTION	---

RECYCLE AMERICA
 12100 YOUNG PINE RD
 ORLANDO, FL
 US 32829
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	42.9	43.1	43.5	---
Acid Number (AN)	mg KOH/g	0.32	0.34	0.28	---

T:
F:

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		24023	22363	6298	---
Particles >6µm		2968	5196	1630	---
Particles >14µm		82	154	106	---
ISO 4406:1999 (c)		22/19/14	22/20/14	20/18/14	---
Silicon	ppm	1	2	2	---
Sodium	ppm	1	2	<1	---
Potassium	ppm	0	0	0	---

Diagnosis
 The filter change at the time of sampling has been noted. 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	4	4	3	---
Copper	ppm	1	2	1	---
Lead	ppm	<1	2	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	<1	0	---

ADDITIVES

Calcium	ppm	69	70	56	---
Magnesium	ppm	2	0	0	---
Zinc	ppm	418	372	407	---
Phosphorus	ppm	329	342	312	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	0	---

Depot: RECORL
Unique No: 11018641
Signed: Wes Davis
Report Date: 09 May 2024

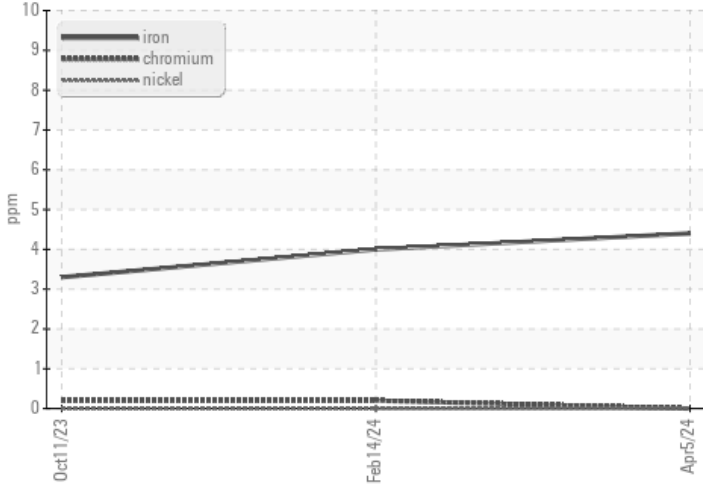


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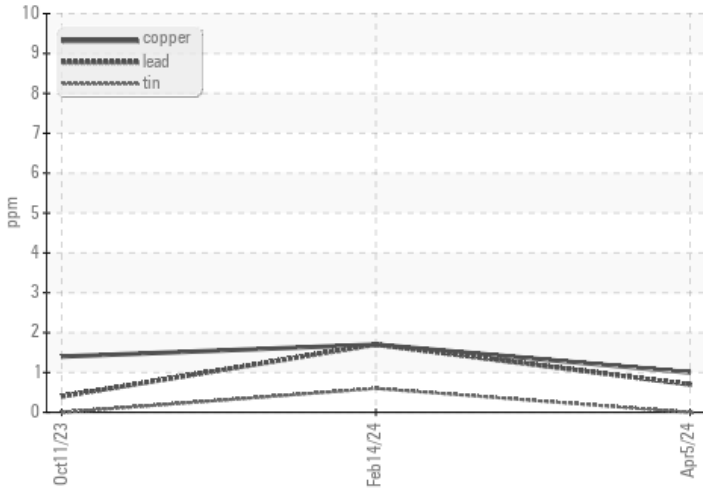


GRAPHS

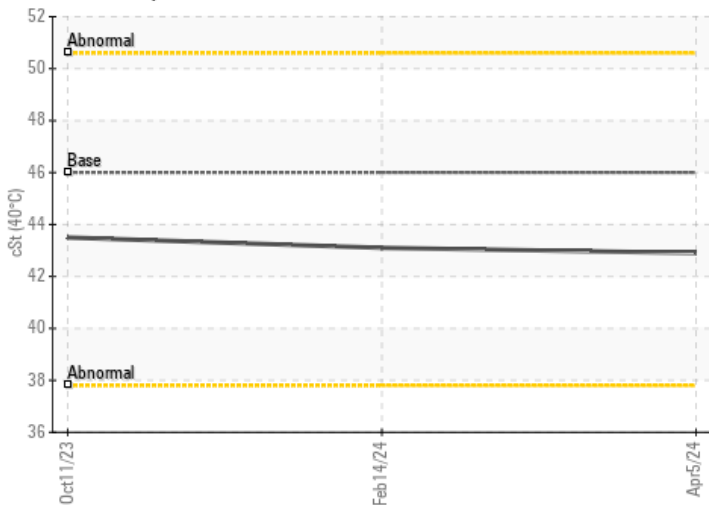
Ferrous Alloys



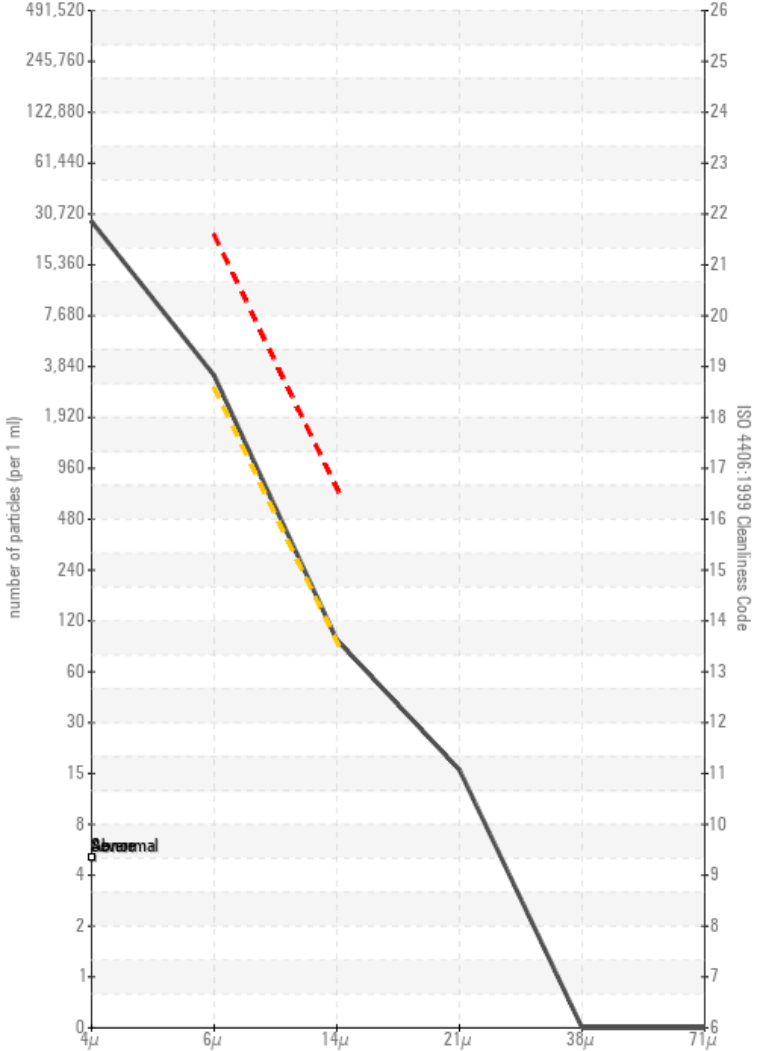
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

