



CONSTRUCTION EQUIPMENT

PM504001612 VOLVO EC250EL 314031 - HYDRAULIC SYSTEM



Sample No: VCP330883
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: PM504001612



SAMPLE INFORMATION

Sample Number	VCP330883	VCP281440	---	---
Sample Date	29 Sep 2022	04 Aug 2020	---	---
Machine Hours	3704	1111	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ACTIVE RECYCLING CO INC
 2000 W SLAUSON AVE
 LOS ANGELES, CA
 US 90047
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	47.3	49.1	---	---
Acid Number (AN)	mg KOH/g	0.48	0.679	---	---

T: (323)295-7774
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		---	▲ 99905	---	---
Particles >6µm		---	▲ 40067	---	---
Particles >14µm		---	▲ 5096	---	---
ISO 4406:1999 (c)		---	24/23/20	---	---
Silicon	ppm	5	3	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	2	<1	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris 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	9	2	---	---
Copper	ppm	12	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	126	88	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	416	565	---	---
Phosphorus	ppm	348	464	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	<1	---	---

Depot: ACTLOS
Unique No: 10163568
Signed: Don Baldrige
Report Date: 07 Oct 2022

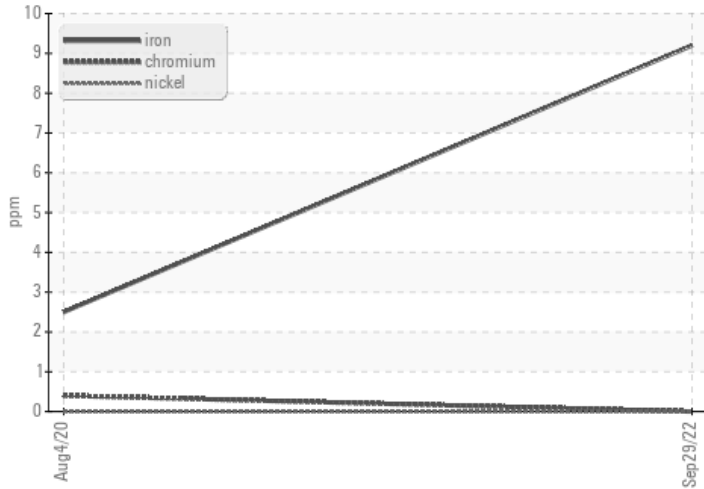


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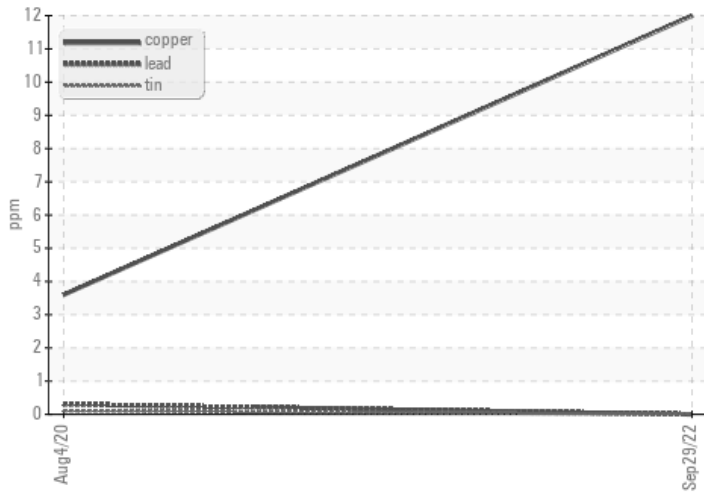


GRAPHS

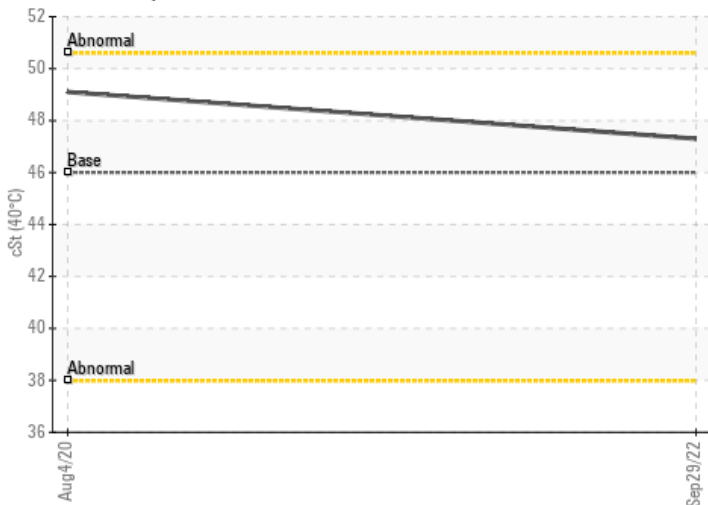
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

