



CONSTRUCTION EQUIPMENT

5333DR TAYLOR RECYCL VOLVO L60H 622736 - HYDRAULIC SYSTEM



Sample No: VCP337520
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 5333DR TAYLOR RECYCL



SAMPLE INFORMATION

Sample Number	VCP337520	VCP367104	---	---
Sample Date	05 Apr 2024	07 Nov 2022	---	---
Machine Hours	4046	2028	---	---
Oil Hours	0	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

HIGHWAY EQUIPMENT & SUPPLY CO
 PO BOX 127
 DRUMS, PA
 US 18222
 Contact: JUSTIN BLOSS
 justin@hwyequip.com
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 F: (570)708-2933



OIL CONDITION

Visc @ 40°C	cSt	43.4	42.1	---	---
Acid Number (AN)	mg KOH/g	0.29	0.34	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		---	183767	---	---
Particles >6µm		---	▲ 87399	---	---
Particles >14µm		---	▲ 5937	---	---
ISO 4406:1999 (c)		---	25/24/20	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	0	2	---	---

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. 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 acceptable for the time in service.



WEAR METALS

Iron	ppm	<1	7	---	---
Copper	ppm	0	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

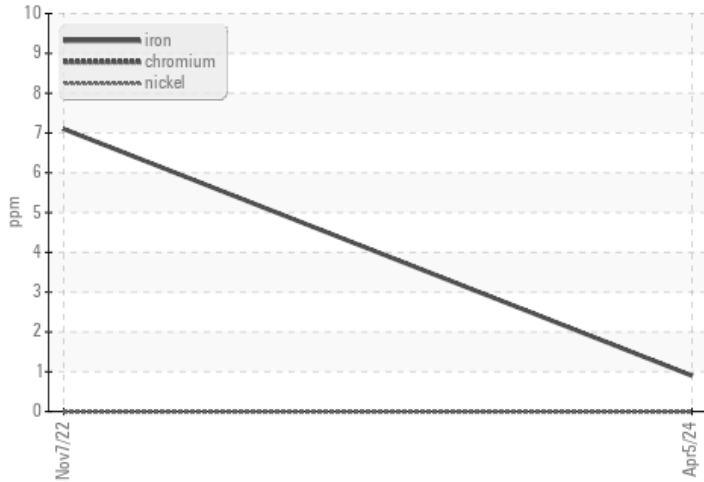
Calcium	ppm	91	75	---	---
Magnesium	ppm	5	6	---	---
Zinc	ppm	420	442	---	---
Phosphorus	ppm	328	330	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0022
Unique No: 10968976
Signed: Don Baldrige
Report Date: 12 Apr 2024

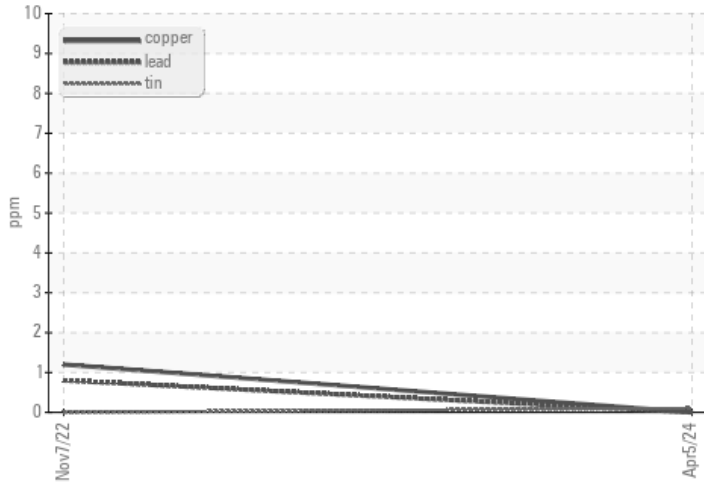


GRAPHS

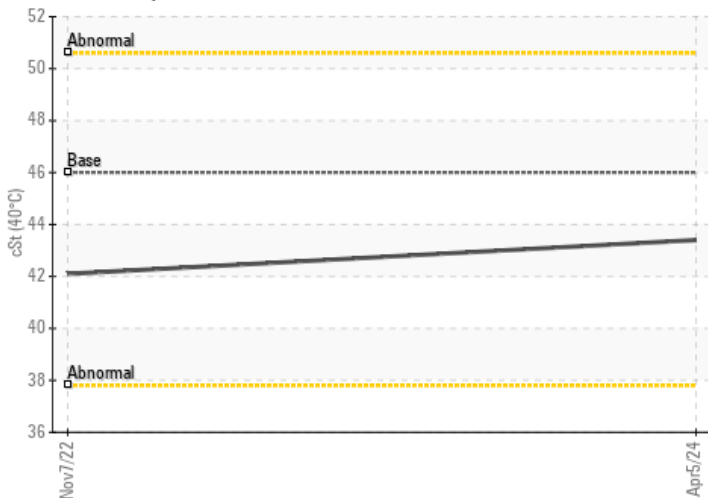
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

