



CONSTRUCTION EQUIPMENT

VOLVO L60H 632294 - TRANSMISSION



Sample No: VCP442208

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP442208	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	2864	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



WASTE MANAGEMENT TAMPA TRANSFER

3518 4TH AVE

TAMPA, FL

US 33605

Contact: JOHN POLLOCK

jpollock2@wm.com

T: (813)247-7397

F: (813)247-4847



OIL CONDITION

Visc @ 40°C	cSt	█ 27.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	▲ 162	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 75	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 40	---	---	---
Phosphorus	ppm	█ 186	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 73	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: WASTAM

Unique No: 11083483

Signed: Angela Borella

Report Date: 17 Jun 2024

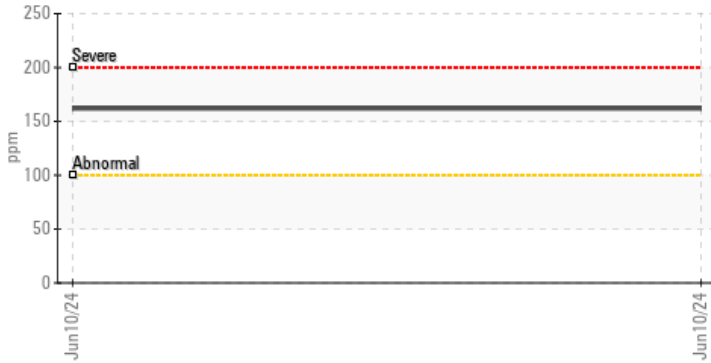


CONSTRUCTION EQUIPMENT

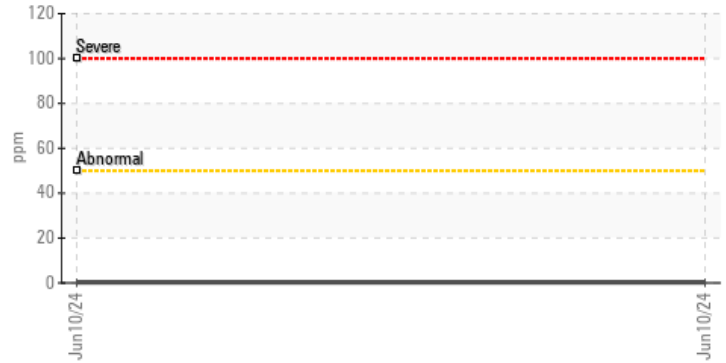


GRAPHS

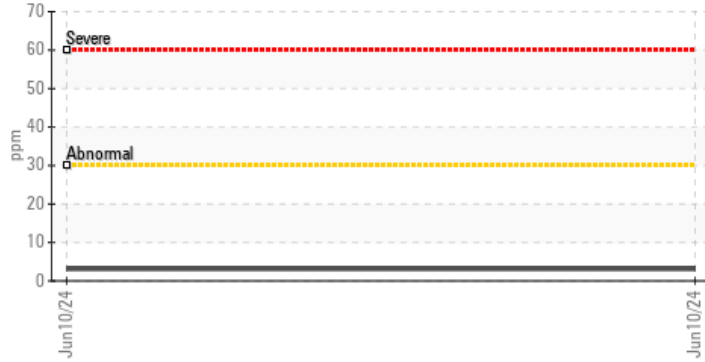
▲ Iron (ppm)



Lead (ppm)



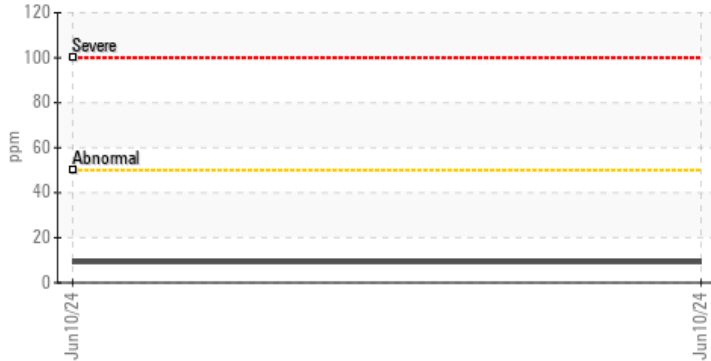
Aluminum (ppm)



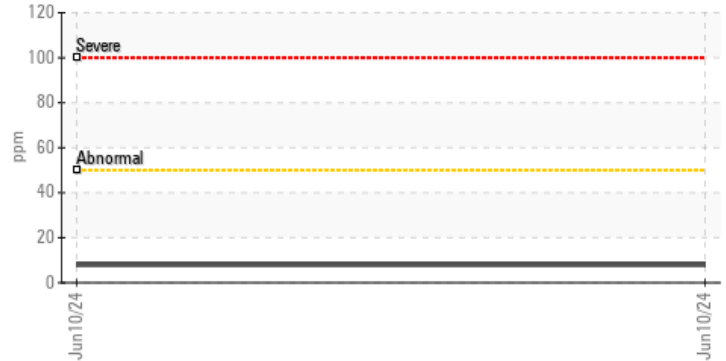
Chromium (ppm)



Copper (ppm)



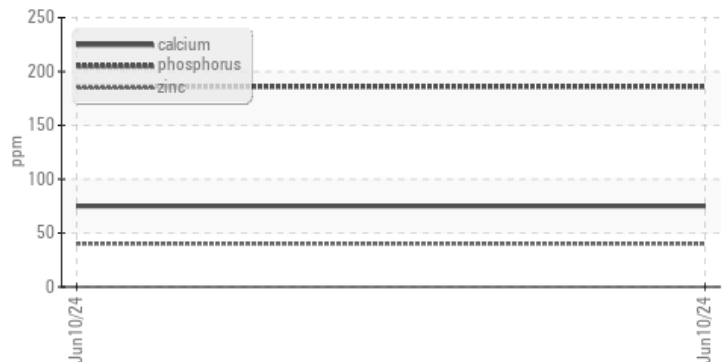
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

VOLVO L60H 632294 - HYDRAULIC SYSTEM



Sample No: VCP445589
Oil Type: AW HYDRAULIC OIL ISO 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP445589	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	2864	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

WASTE MANAGEMENT TAMPA TRANSFER
 3518 4TH AVE
 TAMPA, FL
 US 33605
 Contact: JOHN POLLOCK
 jpollock2@wm.com
 T: (813)247-7397
 F: (813)247-4847



OIL CONDITION

Visc @ 40°C	cSt	█ 42.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.33	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 18940	---	---	---
Particles >6µm		● 2864	---	---	---
Particles >14µm		● 143	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

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	█ 5	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 76	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 472	---	---	---
Phosphorus	ppm	█ 357	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: WASTAM
Unique No: 11082860
Signed: Wes Davis
Report Date: 17 Jun 2024

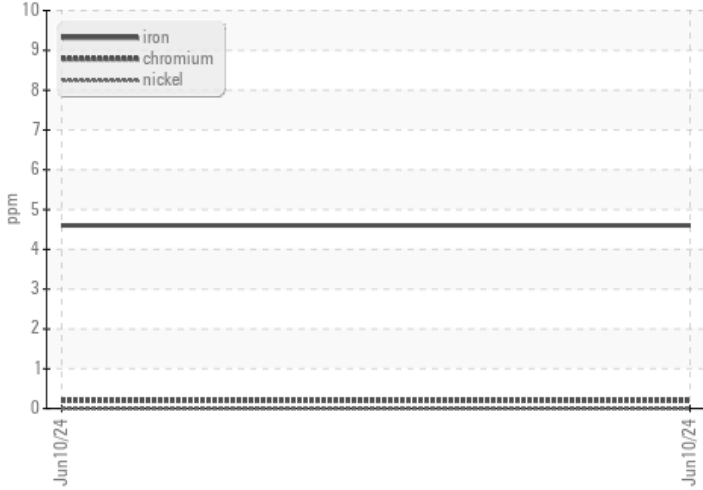


CONSTRUCTION EQUIPMENT

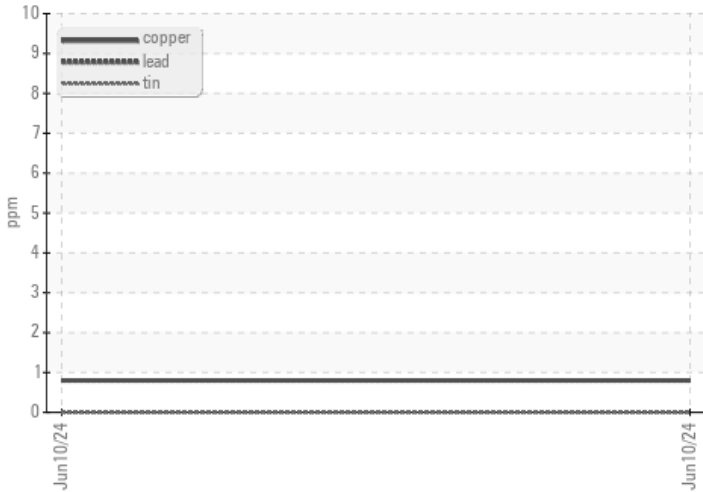


GRAPHS

Ferrous Alloys



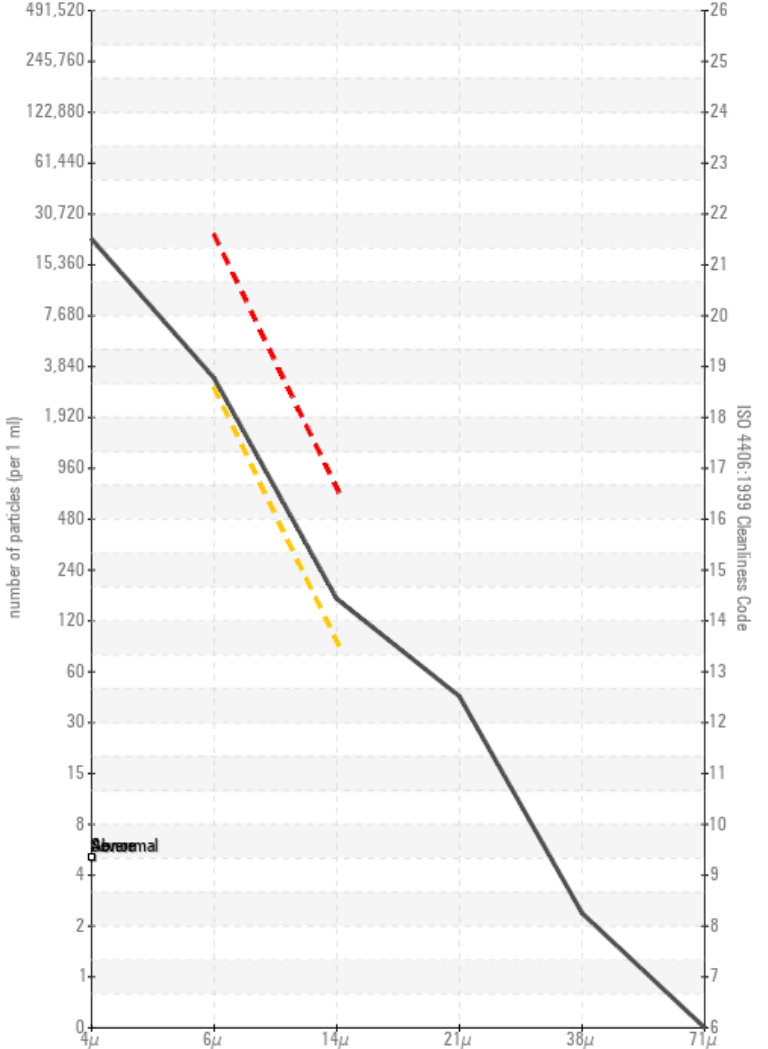
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

