



CONSTRUCTION EQUIPMENT

136102 VOLVO L220H 3548 - TRANSMISSION (AUTO)



Sample No: VCP442487

Oil Type: DEXRON III

Job No: 136102



SAMPLE INFORMATION

Sample Number	VCP442487	VCP443225	VCP431186	---
Sample Date	17 Apr 2024	04 Mar 2024	12 Dec 2023	---
Machine Hours	1464	1125	496	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---



LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
14242 S SH-34
SCURRY, TX
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Contact: WALLACE WARREN
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 70.4	■ 27.8	■ 27.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ 0	■ 8	■ 7	---
Sodium	ppm	■ 1	■ 4	■ 4	---
Potassium	ppm	■ <1	■ 2	■ 1	---



WEAR METALS

Iron	ppm	■ 0	■ 40	■ 27	---
Copper	ppm	■ 0	■ 6	■ 5	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ 0	■ <1	■ <1	---
Aluminum	ppm	■ 0	■ 1	■ <1	---
Chromium	ppm	■ 0	■ 0	■ 0	---
Molybdenum	ppm	■ 0	■ 0	■ 0	---
Nickel	ppm	■ 0	■ 0	■ 0	---
Titanium	ppm	0	0	0	---
Silver	ppm	■ 0	■ <1	■ 0	---
Manganese	ppm	■ 0	■ 4	■ 4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	● 14	■ 82	■ 75	---
Magnesium	ppm	■ <1	■ 9	■ 2	---
Zinc	ppm	■ 42	■ 23	■ 8	---
Phosphorus	ppm	● 60	■ 181	■ 181	---
Barium	ppm	■ 0	■ 3	■ 3	---
Boron	ppm	● 0	■ 68	■ 76	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.

Depot: LATSCU
Unique No: 10991901
Signed: Jonathan Hester
Report Date: 26 Apr 2024

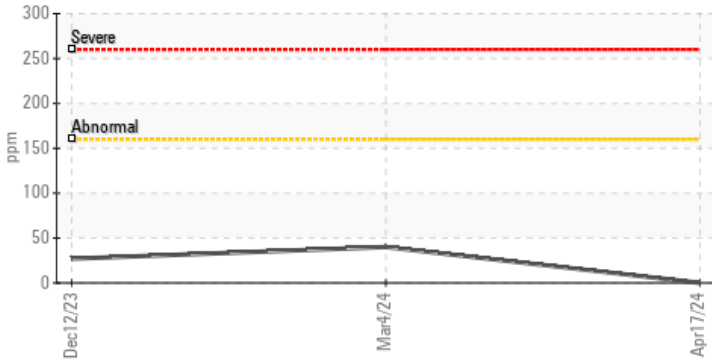


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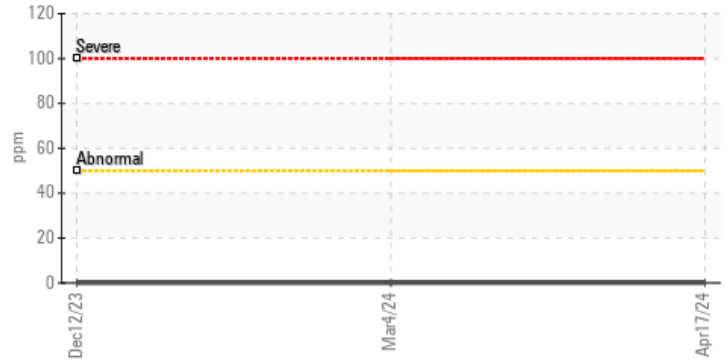


GRAPHS

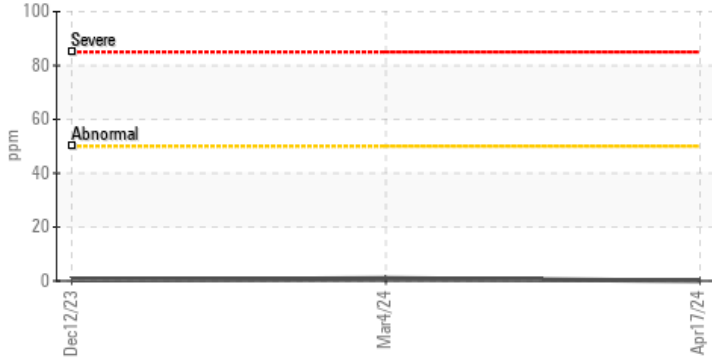
Iron (ppm)



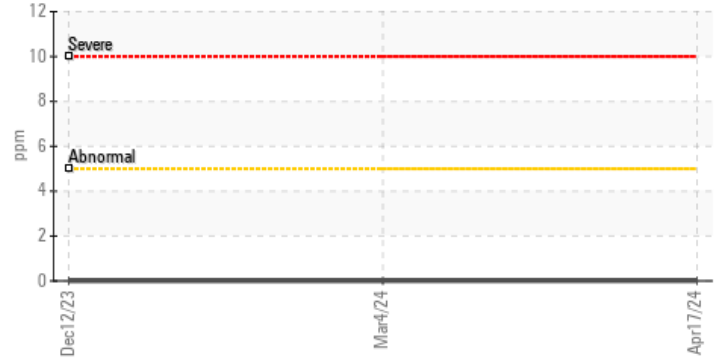
Lead (ppm)



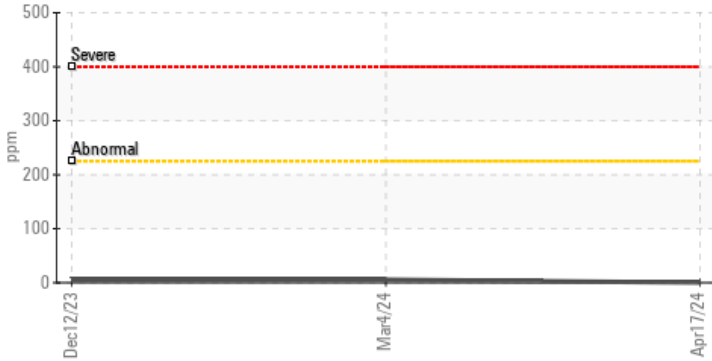
Aluminum (ppm)



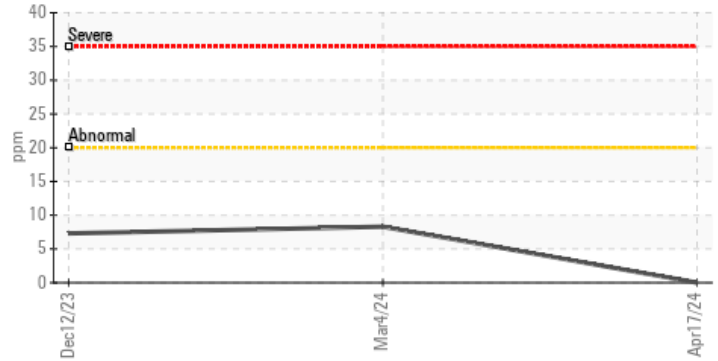
Chromium (ppm)



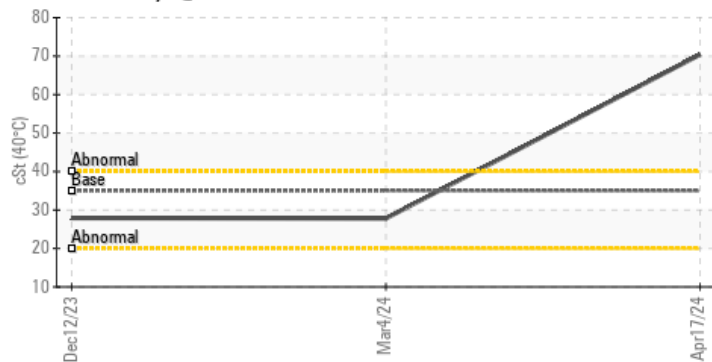
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 40°C



● Additives

