



CONSTRUCTION EQUIPMENT

SW-2496-2 STAKER VOLVO L220H 2572 - TRANSMISSION



Sample No: VCP438055
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-2496-2 STAKER



SAMPLE INFORMATION

Sample Number	VCP438055	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	17253	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 33.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 92	---	---	---
Copper	ppm	█ 131	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 232	---	---	---
Magnesium	ppm	█ 151	---	---	---
Zinc	ppm	█ 197	---	---	---
Phosphorus	ppm	█ 366	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 71	---	---	---

Diagnosis

We recommend you service the filters on this component. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All 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: VOLVO8770
Unique No: 10842687
Signed: Don Baldrige
Report Date: 23 Jan 2024

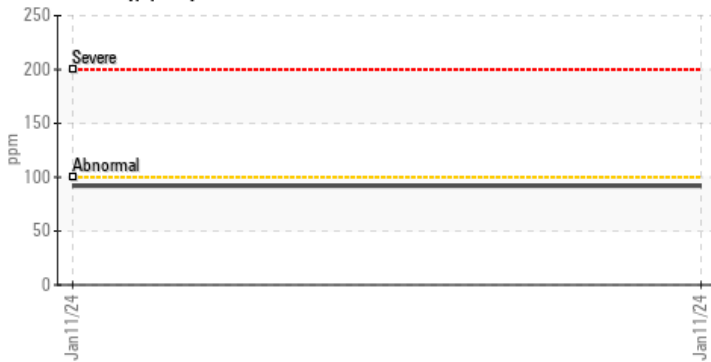


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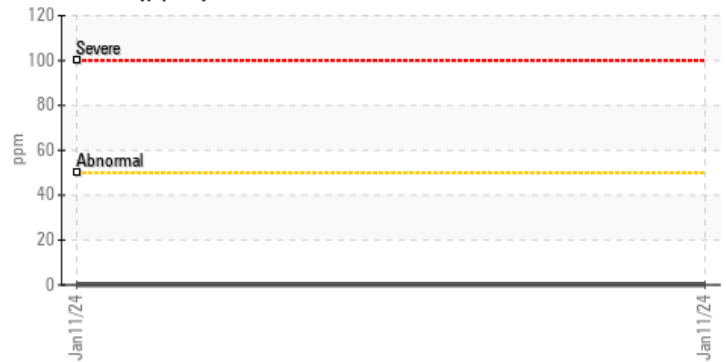


GRAPHS

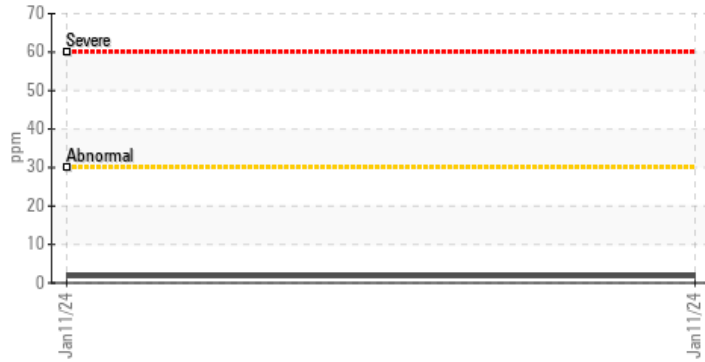
Iron (ppm)



Lead (ppm)



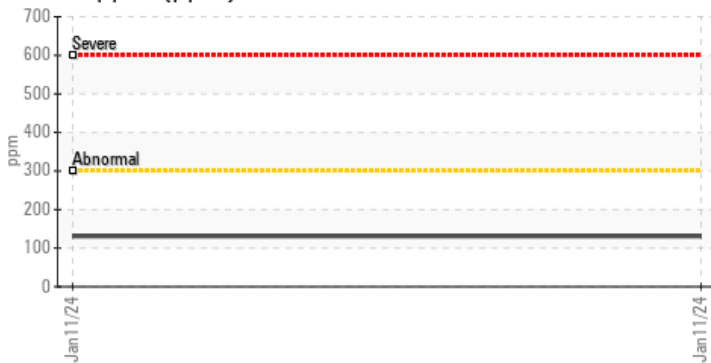
Aluminum (ppm)



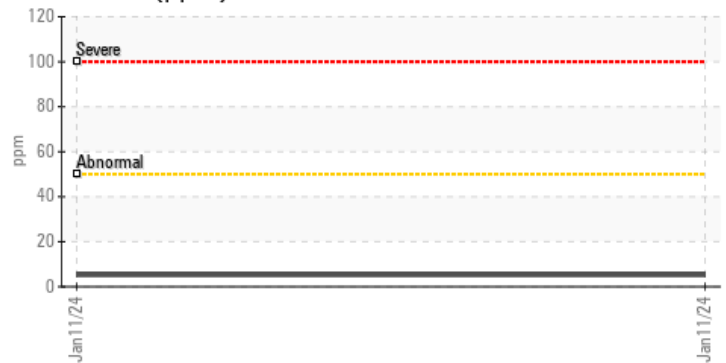
Chromium (ppm)



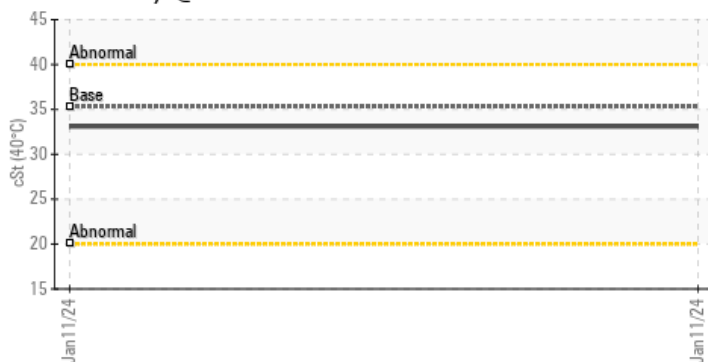
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

