



CONSTRUCTION EQUIPMENT

VOLVO L90H 627063 - TRANSMISSION



Sample No: VCP432420
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP432420	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	94	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

COVANTA ENERGY

141 CRANBERRY HWY
 WEST WAREHAM, MA
 US 02576

Contact: SAWYER
 ssawyer@woodcomachinery.com

T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	■ 29.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

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 condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 25	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 107	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	▲ 13	---	---	---
Phosphorus	ppm	■ 217	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 75	---	---	---

Depot: COVWES
Unique No: 10842681
Signed: Don Baldrige
Report Date: 23 Jan 2024

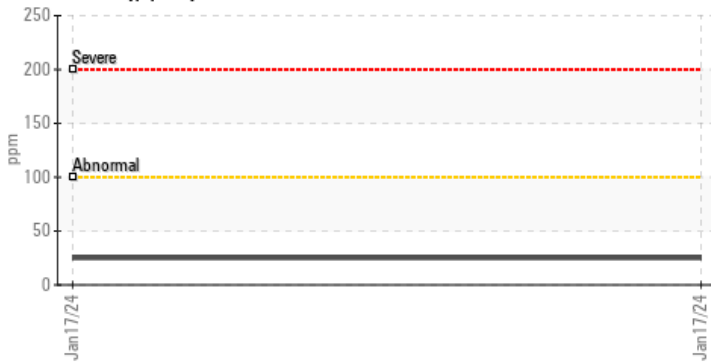


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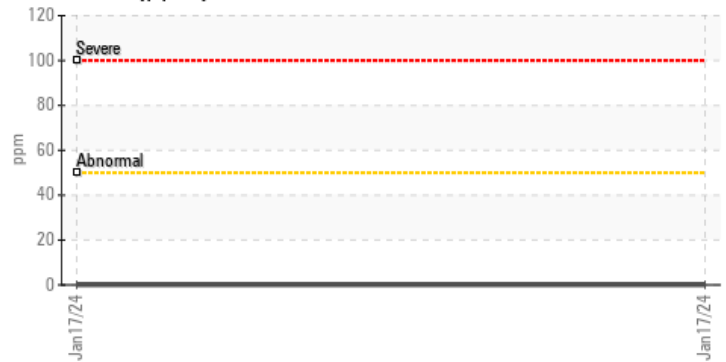


GRAPHS

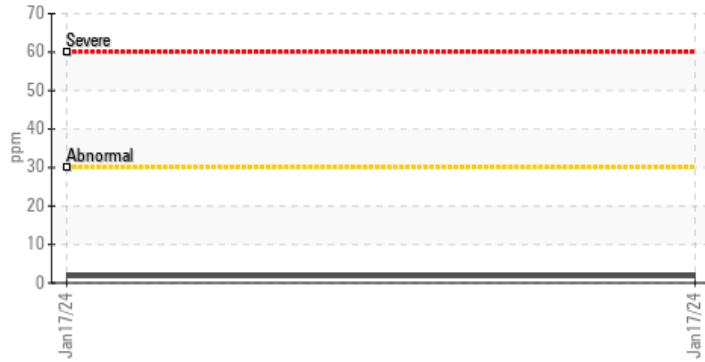
Iron (ppm)



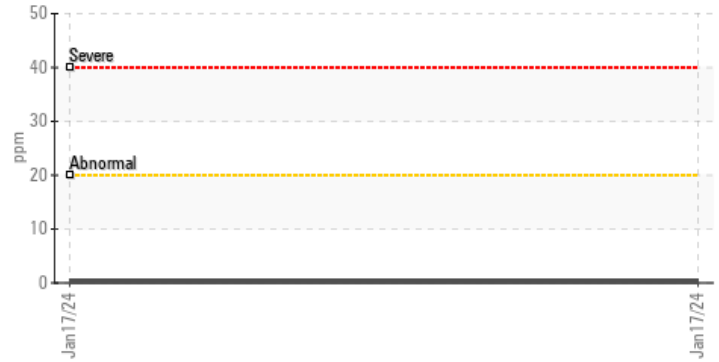
Lead (ppm)



Aluminum (ppm)



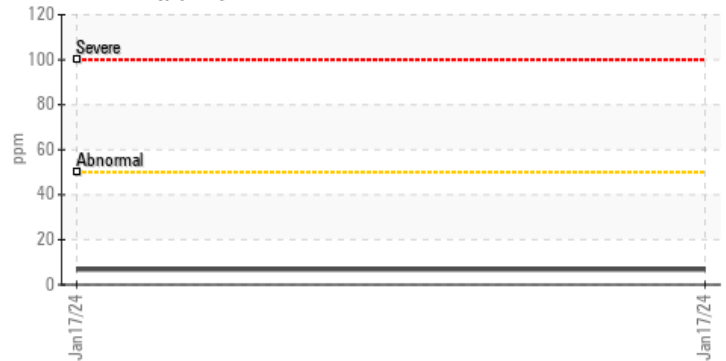
Chromium (ppm)



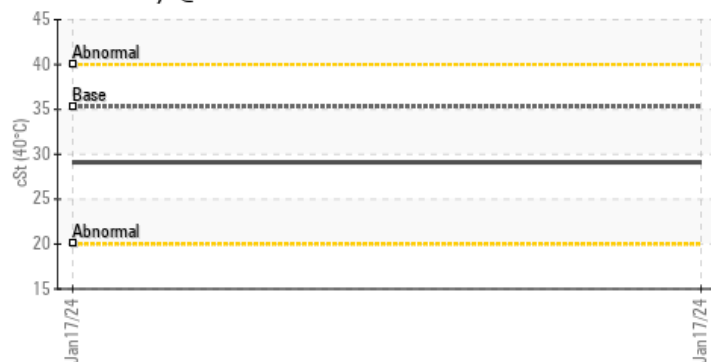
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

