



CONSTRUCTION EQUIPMENT

BUDGET UPULL VOLVO L20H 623588 - TRANSMISSION (AUTO)



Sample No: VCP451173
Oil Type: VOLVO AT 102
Job No: BUDGET UPULL



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SAMPLE INFORMATION

Sample Number	VCP451173	---	---	---
Sample Date	22 May 2024	---	---	---
Machine Hours	5275	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 117	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 325	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 129	---	---	---
Phosphorus	ppm	■ 247	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 31	---	---	---

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.

Depot: VOLVO0093
Unique No: 11056623
Signed: Sean Felton
Report Date: 31 May 2024

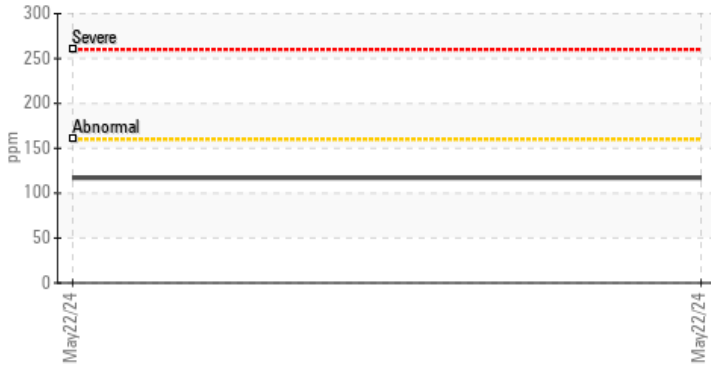


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GRAPHS

Iron (ppm)



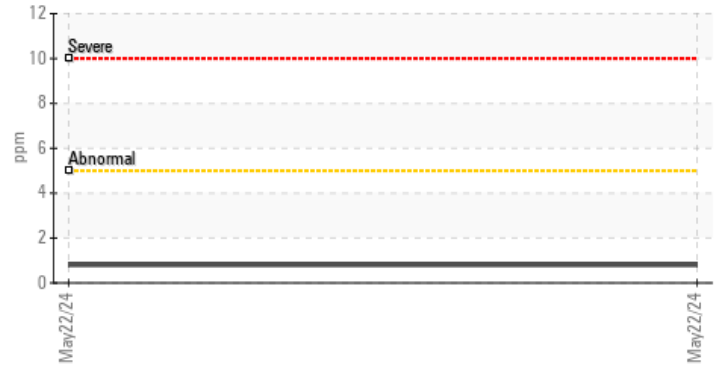
Lead (ppm)



Aluminum (ppm)



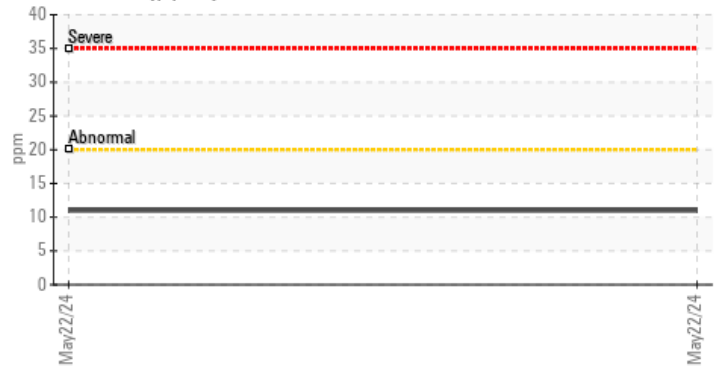
Chromium (ppm)



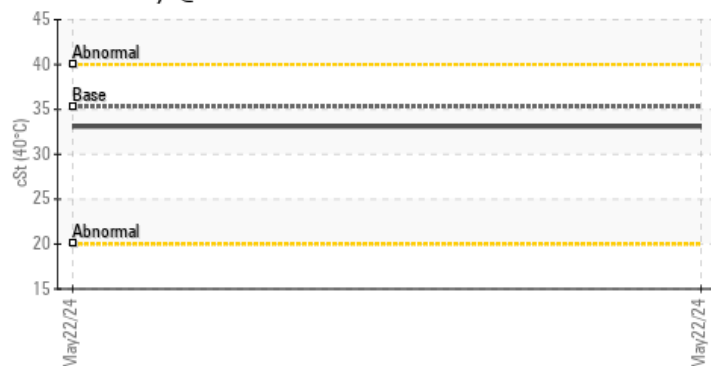
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

