



CONSTRUCTION EQUIPMENT

288064 VOLVO G946B 578001 - TRANSMISSION (AUTO)



Sample No: VCP299381
Oil Type: VOLVO AT 102
Job No: 288064

STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE
CALGARY, AB
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Diagnosis

We advise that you check for visible metal particles in the fluid. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Light concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



SAMPLE INFORMATION

Sample Number		VCP299381	---	---	---
Sample Date		07 Jun 2021	---	---	---
Machine Hours		2551	---	---	---
Oil Hours		2551	---	---	---
Oil Changed		Changed	---	---	---
Sample Status		ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 27.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 94	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 132	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 58	---	---	---
Phosphorus	ppm	■ 190	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 63	---	---	---

Depot: VOLVO3909
 Unique No: 5237477
 Signed: Kevin Marson
 Report Date: 10 Jun 2021

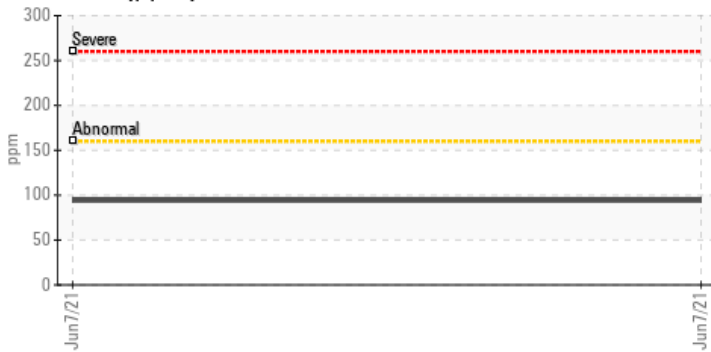


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GRAPHS

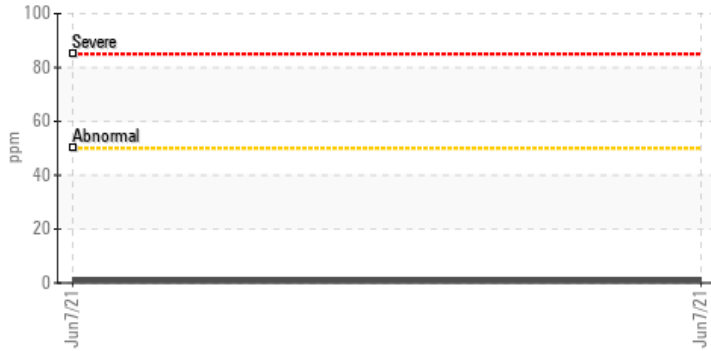
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



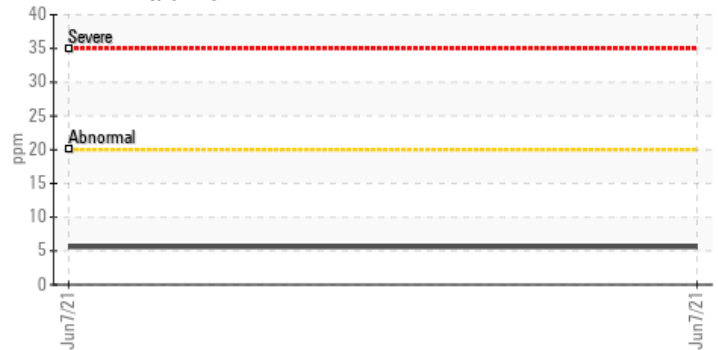
Chromium (ppm)



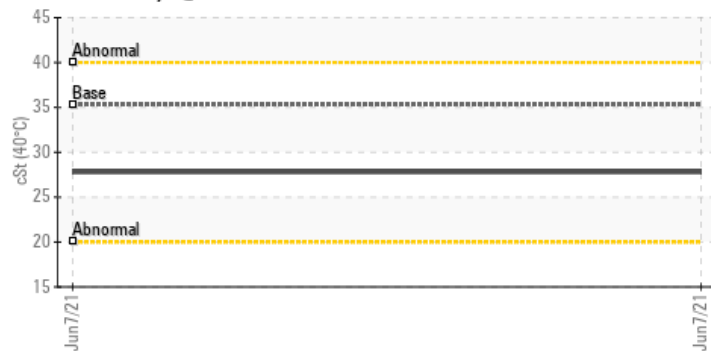
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

