



CONSTRUCTION EQUIPMENT

VULCAN VOLVO A40G 352047 - TRANSMISSION (AUTO)



Sample No: VCP384561
Oil Type: {unknown}
Job No: VULCAN



SAMPLE INFORMATION

Sample Number	VCP384561	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	6731	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
 Contact: CLAY COULTER
 CCOULTER@SCOTTCOMPANIES.COM
 T: (615)793-3888
 F: (615)793-9655



OIL CONDITION

Visc @ 40°C	cSt	█ 21.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 47	---	---	---
Copper	ppm	█ 80	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	▲ 11	---	---	---
Aluminum	ppm	█ 27	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	▲ 15	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	91	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	270	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	96	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The nickel level is abnormal. The tin level is abnormal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLV00129
Unique No: 10963740
Signed: Don Baldrige
Report Date: 06 Apr 2024

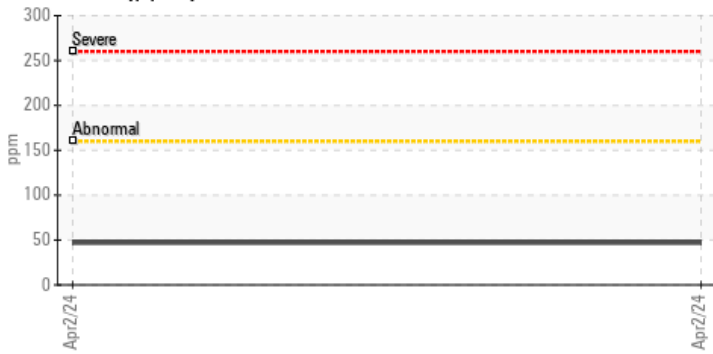


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GRAPHS

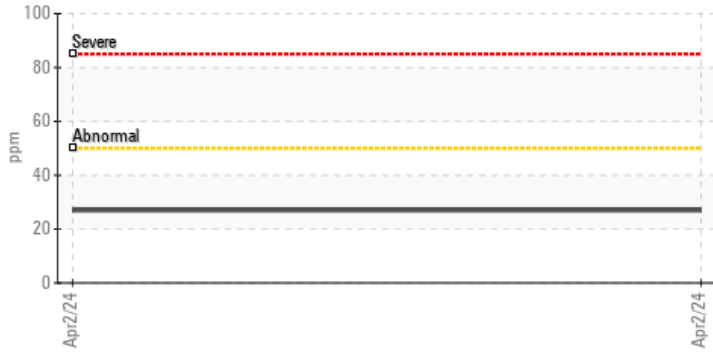
Iron (ppm)



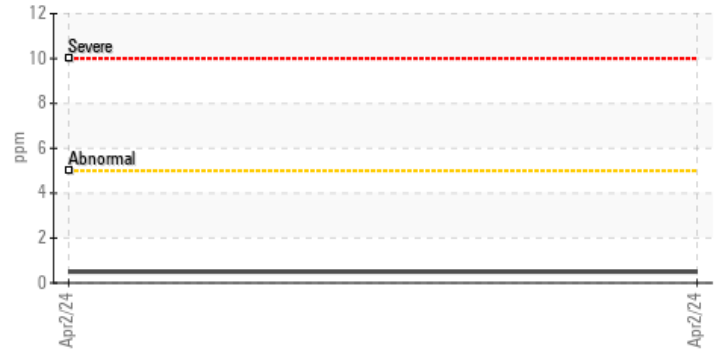
Lead (ppm)



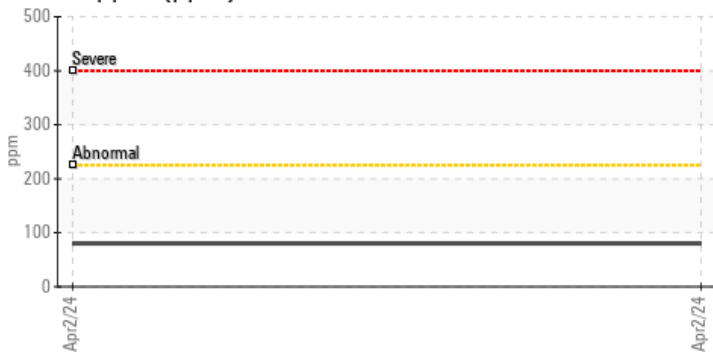
Aluminum (ppm)



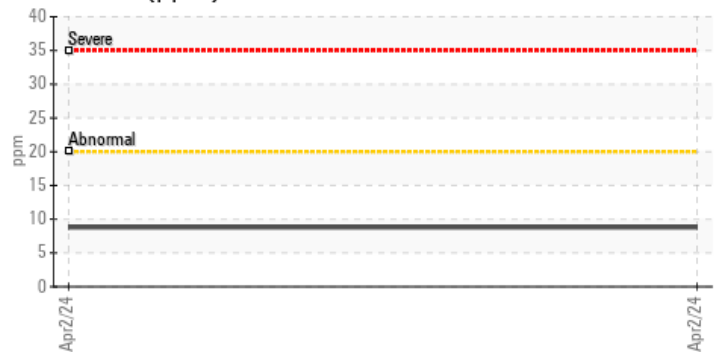
Chromium (ppm)



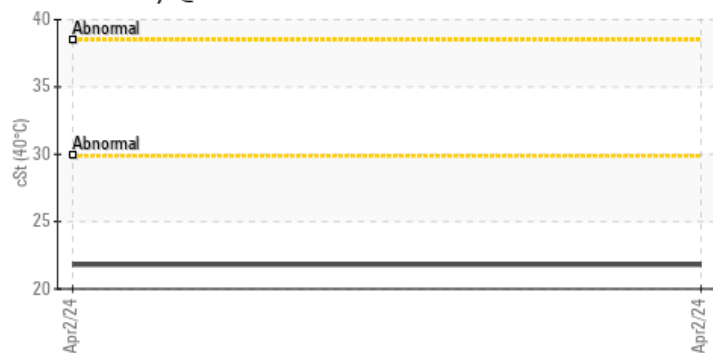
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

