



CONSTRUCTION EQUIPMENT

23909 VOLVO A40G 352850 - TRANSMISSION (AUTO)



Sample No: VCP425758
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 23909



SAMPLE INFORMATION

Sample Number	VCP425758	---	---	---
Sample Date	02 Sep 2023	---	---	---
Machine Hours	4011	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcam@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	█ 27.8	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 5	---	---	---

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	█ 45	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 16	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 77	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 13	---	---	---
Phosphorus	ppm	█ 197	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 68	---	---	---

Depot: VOLVO3387
Unique No: 10642079
Signed: Wes Davis
Report Date: 11 Sep 2023

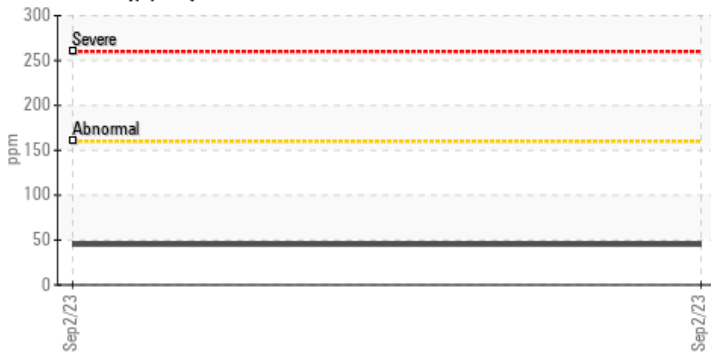


CONSTRUCTION EQUIPMENT

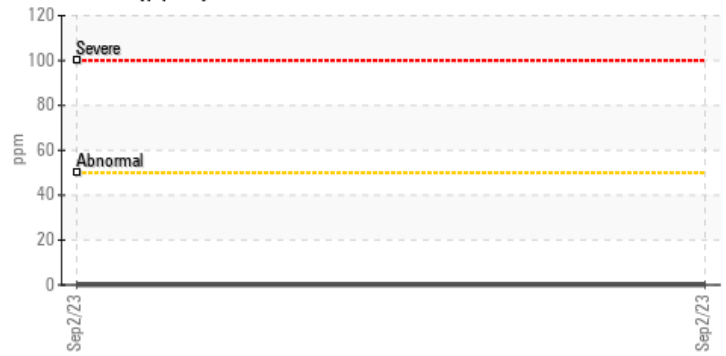


GRAPHS

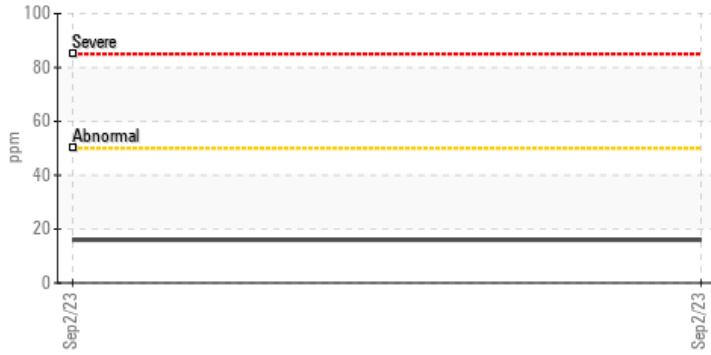
Iron (ppm)



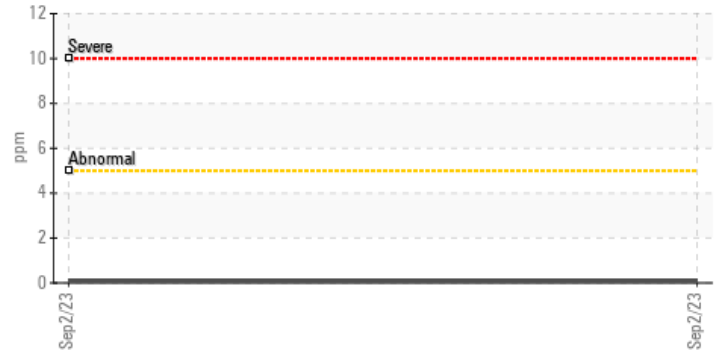
Lead (ppm)



Aluminum (ppm)



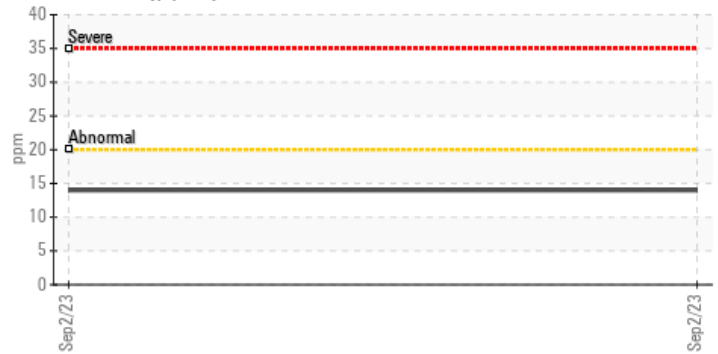
Chromium (ppm)



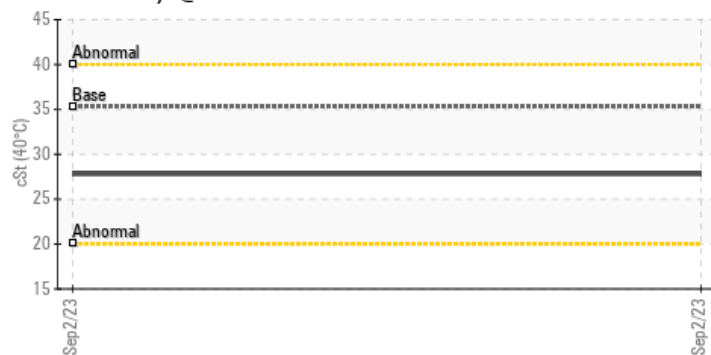
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

