



CONSTRUCTION EQUIPMENT

19190 MARTIN MARIETT VOLVO A45G 353588 - TRANSMISSION (AUTO)



Sample No: VCP417413
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 19190 MARTIN MARIETT



SAMPLE INFORMATION

Sample Number	VCP417413	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	490	---	---	---
Oil Hours	490	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
2002 N GREENE ST
GREENVILLE, NC
US 27834
Contact: BRANDON JENKINS
BRANDON.JENKINS@ASCENDUMMACHINERY.COM
T:
F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	■ 28.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---

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	■ 17	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 74	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 7	---	---	---
Phosphorus	ppm	■ 199	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 85	---	---	---

Depot: VOLVO8769
Unique No: 10587640
Signed: Doug Bogart
Report Date: 06 Aug 2023



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GRAPHS

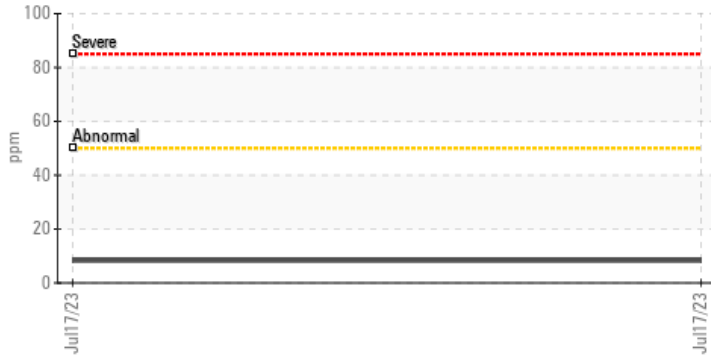
Iron (ppm)



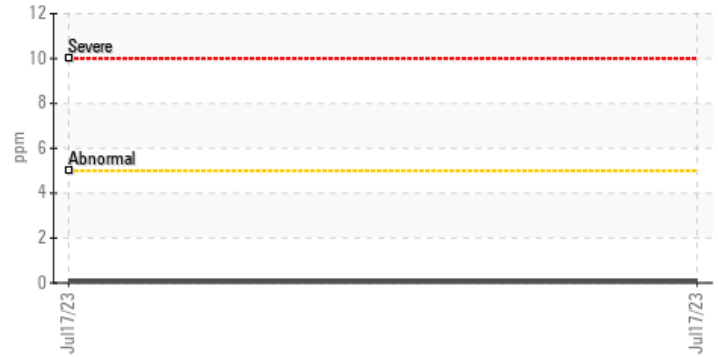
Lead (ppm)



Aluminum (ppm)



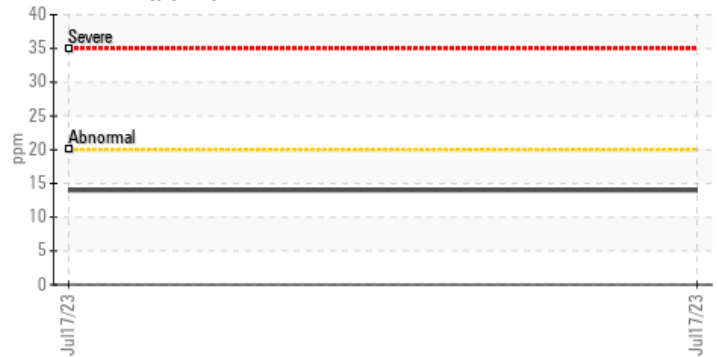
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

