



CONSTRUCTION EQUIPMENT

578343 T&K CONSTRUCT VOLVO A45G 752 151 - TRANSMISSION (AUTO)



Sample No: VCP440486
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 578343 T&K CONSTRUCT



SAMPLE INFORMATION

Sample Number	VCP440486	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	646	---	---	---
Oil Hours	646	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 29.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 22	---	---	---
Copper	ppm	█ 33	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 1	---	---	---
Phosphorus	ppm	█ 185	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 80	---	---	---

Depot: VOLVO0093
Unique No: 11127104
Signed: Sean Felton
Report Date: 18 Jul 2024



CONSTRUCTION EQUIPMENT

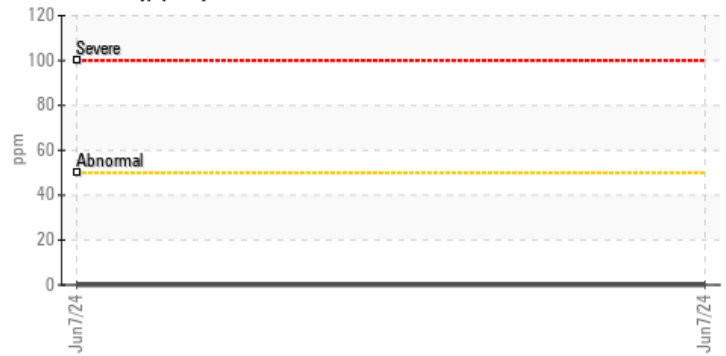


GRAPHS

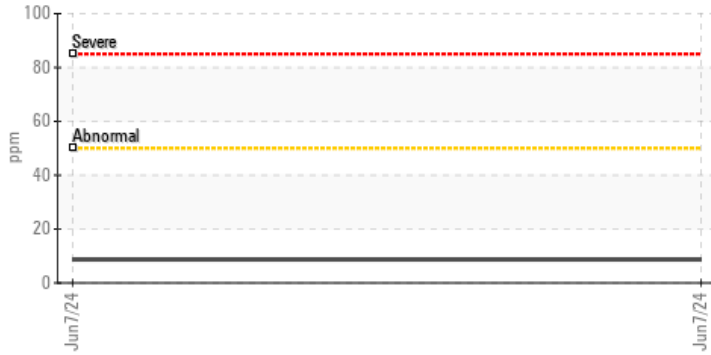
Iron (ppm)



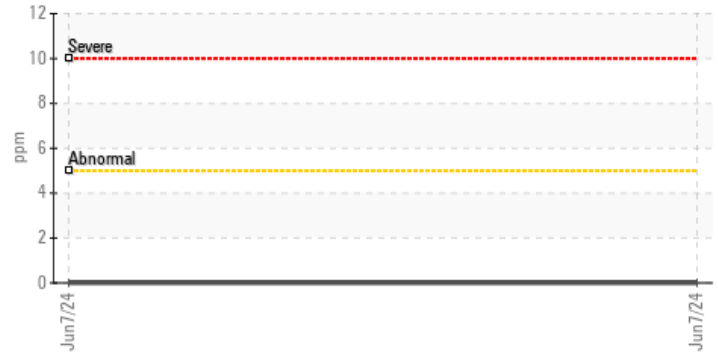
Lead (ppm)



Aluminum (ppm)



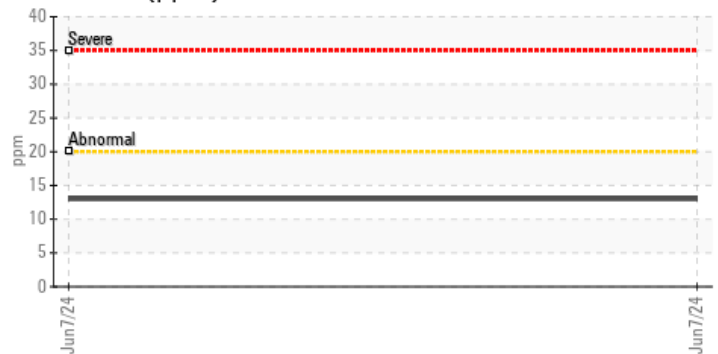
Chromium (ppm)



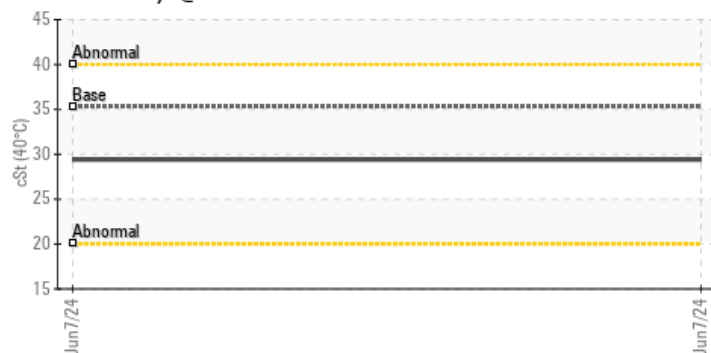
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

