



CONSTRUCTION EQUIPMENT

42344 TURNER VOLVO A45G 353379 - TRANSMISSION (AUTO)



Sample No: VCP447646
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 42344 TURNER



SAMPLE INFORMATION

Sample Number	VCP447646	VCP440958	---	---
Sample Date	11 Jun 2024	23 Jan 2024	---	---
Machine Hours	3761	2960	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER
 tami.browder@ascendummachinery.com
 T: (803)923-2138
 F: (803)791-9920



OIL CONDITION

Visc @ 40°C	cSt	26.9	38.3	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	6	---	---
Sodium	ppm	5	1	---	---
Potassium	ppm	2	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	46	27	---	---
Copper	ppm	21	12	---	---
Lead	ppm	0	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	22	14	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	118	110	---	---
Magnesium	ppm	0	1	---	---
Zinc	ppm	31	0	---	---
Phosphorus	ppm	149	139	---	---
Barium	ppm	0	0	---	---
Boron	ppm	58	72	---	---

Depot: VOLVO0013
Unique No: 11083862
Signed: Wes Davis
Report Date: 17 Jun 2024

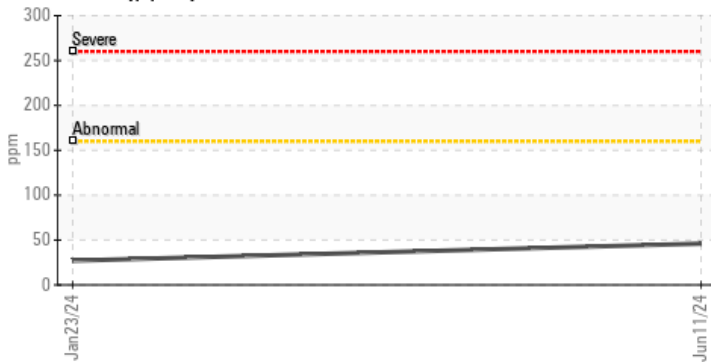


CONSTRUCTION EQUIPMENT



GRAPHS

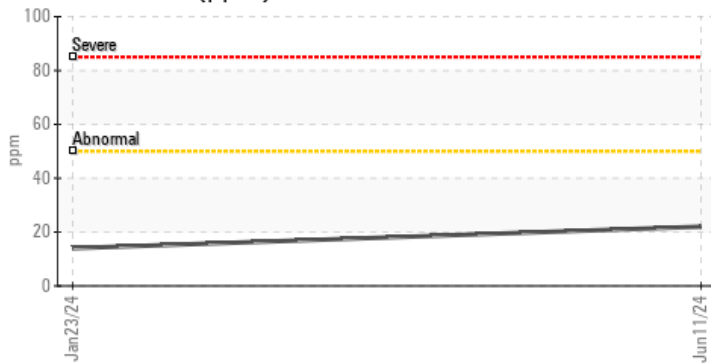
Iron (ppm)



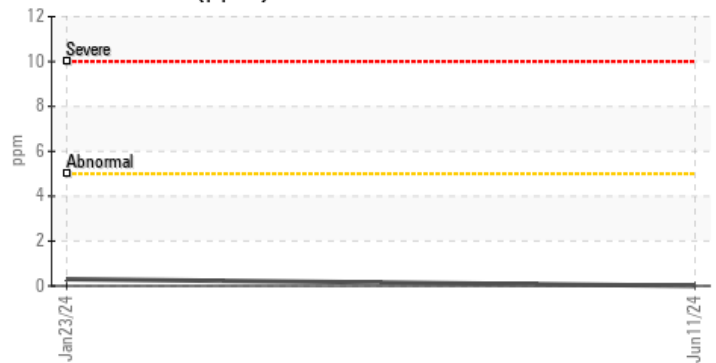
Lead (ppm)



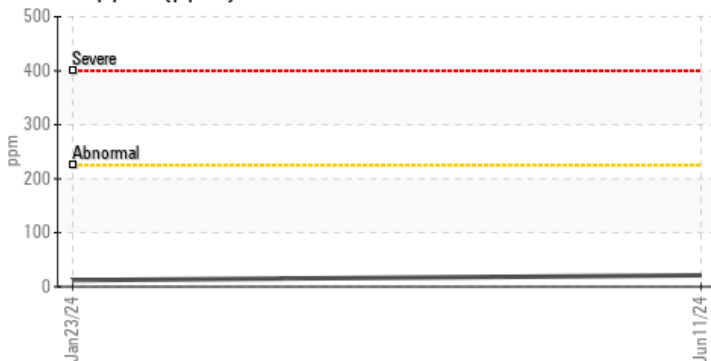
Aluminum (ppm)



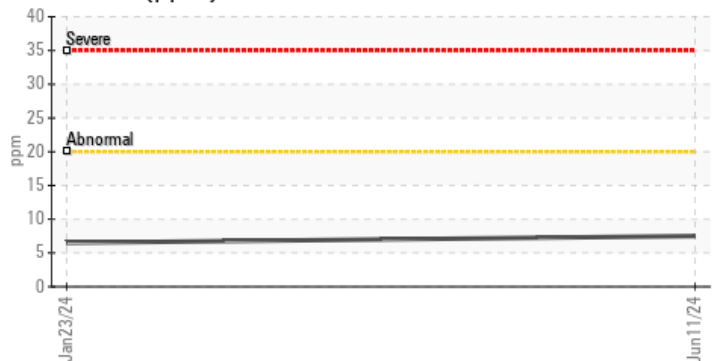
Chromium (ppm)



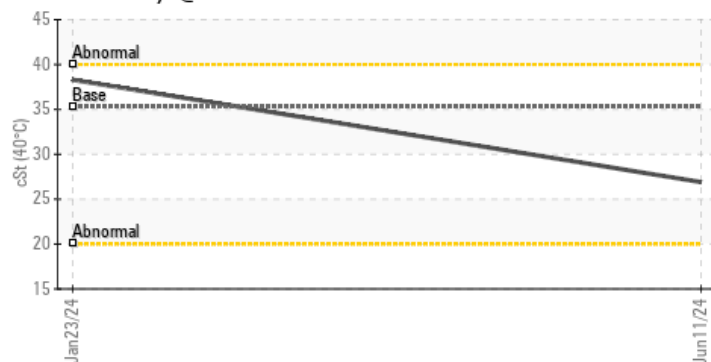
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

