



CONSTRUCTION EQUIPMENT

42344 TURNER VOLVO A45G 353379 - WET DISC BRAKE



Sample No: VCP447684
Oil Type: VOLVO WB 102
Job No: 42344 TURNER



215 - ASCENDUM MACHINERY INC - CAYCE
2303 AIRPORT BLVD
CAYCE, SC
US 29033
Contact: TAMI BROWDER
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SAMPLE INFORMATION

Sample Number	VCP447684	---	---	---
Sample Date	11 Jun 2024	---	---	---
Machine Hours	3761	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 45.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	▲ 154	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3774	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 1646	---	---	---
Phosphorus	ppm	█ 1197	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 126	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is a moderate amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0013
Unique No: 11083860
Signed: Angela Borella
Report Date: 19 Jun 2024

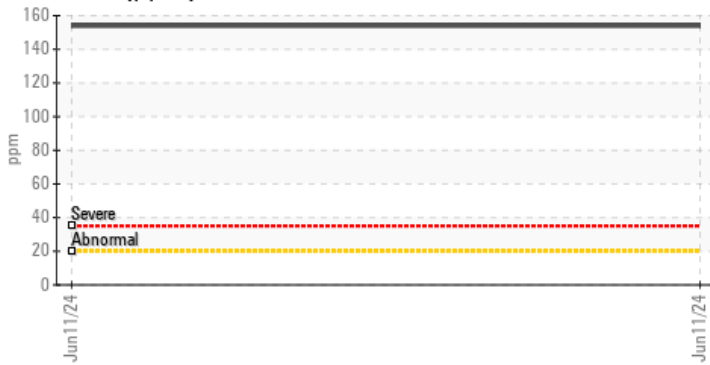


CONSTRUCTION EQUIPMENT



GRAPHS

▲ Iron (ppm)



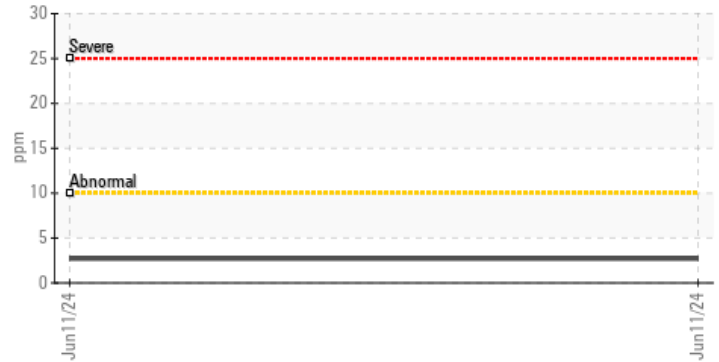
Lead (ppm)



Aluminum (ppm)



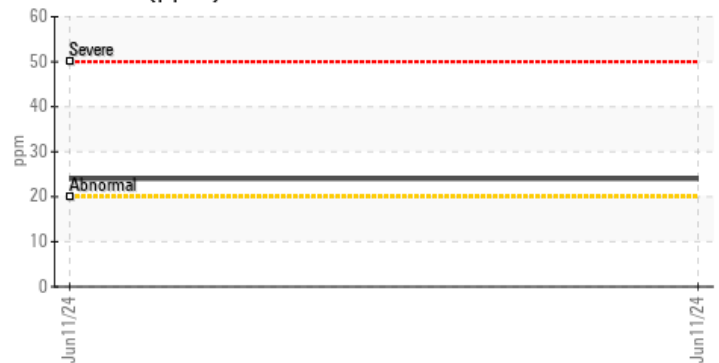
Chromium (ppm)



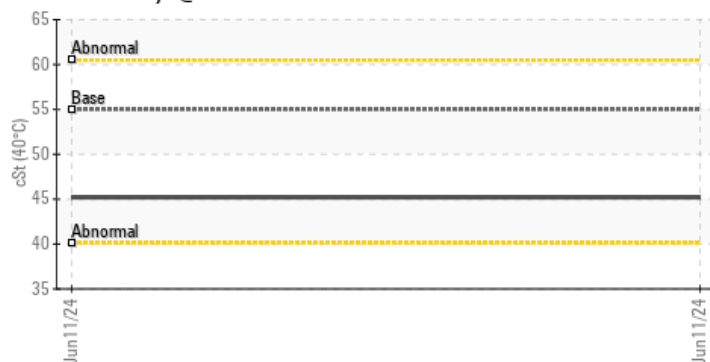
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

