



CONSTRUCTION EQUIPMENT

716869 N AM MINING - TRANSMISSION (AUTO)



Sample No: VCP451477
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 716869 N AM MINING



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SAMPLE INFORMATION

Sample Number	VCP451477	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	4855	---	---	---
Oil Hours	855	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 28.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 60	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 179	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 87	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11127119
Signed: Don Baldrige
Report Date: 18 Jul 2024

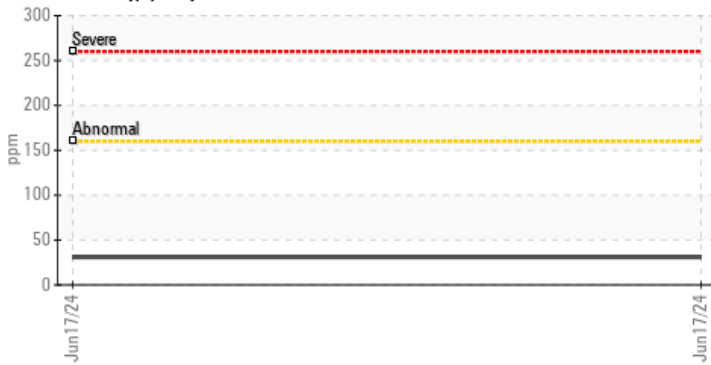


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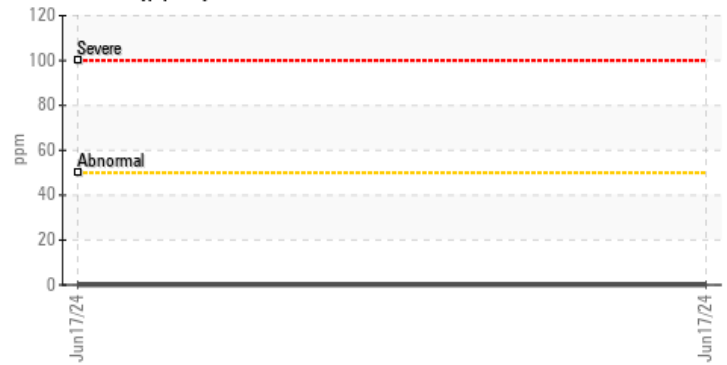


GRAPHS

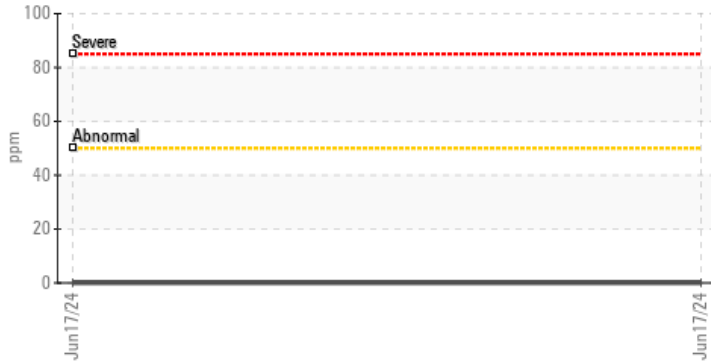
Iron (ppm)



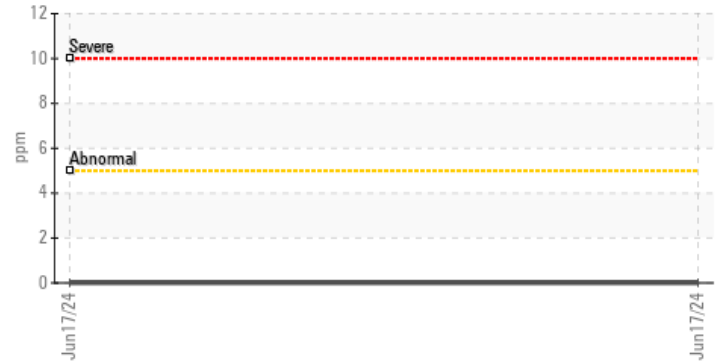
Lead (ppm)



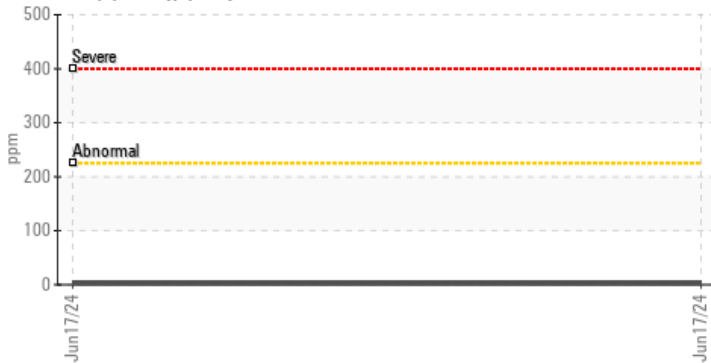
Aluminum (ppm)



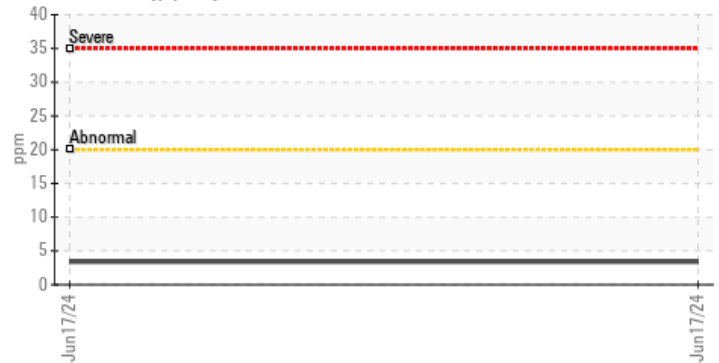
Chromium (ppm)



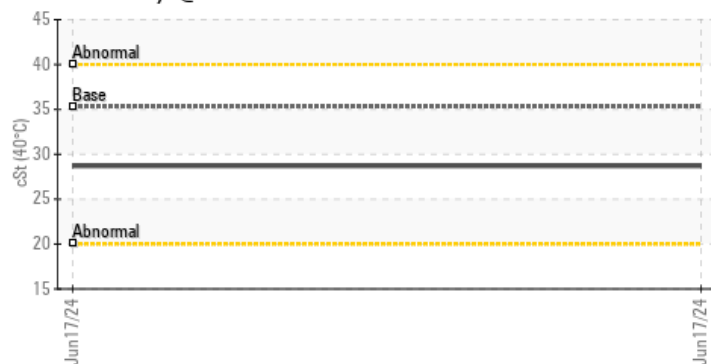
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

