



CONSTRUCTION EQUIPMENT

X18706 VOLVO A40G 353135 - TANK WET DISC BRAKE



Sample No: VCP433021
Oil Type: VOLVO WB 102
Job No: X18706



SAMPLE INFORMATION

Sample Number	VCP433021	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	4110	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

APAC BENTON
 393 OREILLY RD
 BENTON, MS
 US 39039
 Contact: WILL RATLIFF
 will.ratliffjr@apac.com
 T: (601)397-3696
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 40.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 49	---	---	---
Copper	ppm	█ 56	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3468	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1536	---	---	---
Phosphorus	ppm	█ 1417	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 122	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: APABEN
Unique No: 11100801
Signed: Don Baldrige
Report Date: 29 Jun 2024

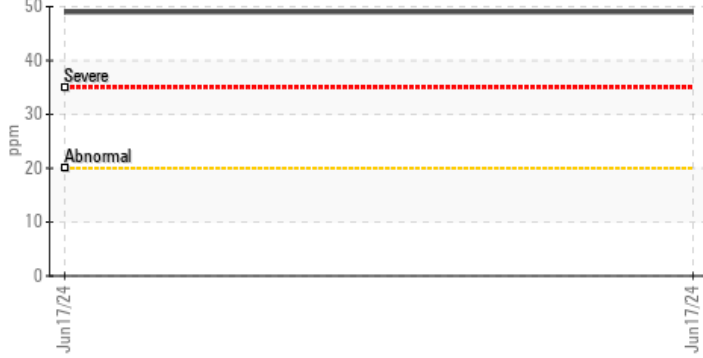


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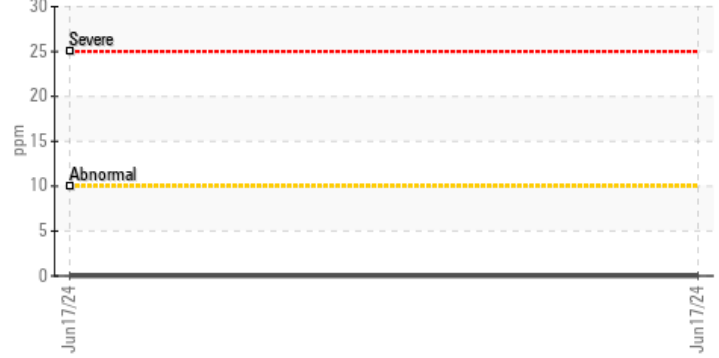


VOLVO GRAPHS

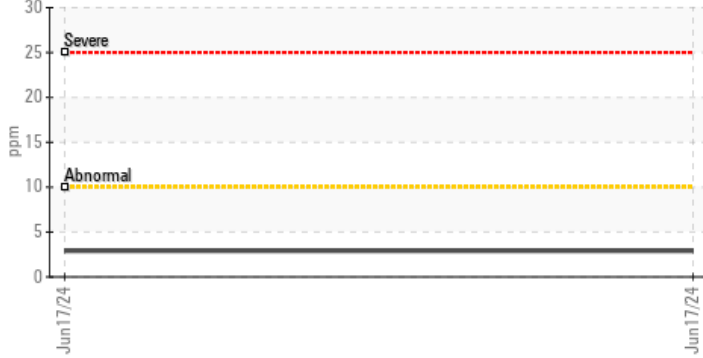
▲ Iron (ppm)



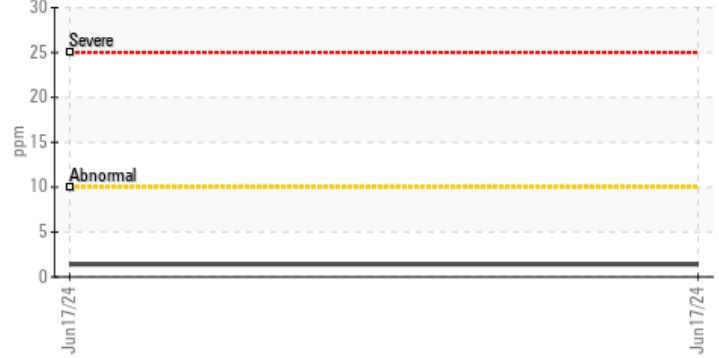
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

