



CONSTRUCTION EQUIPMENT

VOLVO A40G 352 122 - WET DISC BRAKE



Sample No: VCP423887

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP423887	---	---	---
Sample Date	02 May 2024	---	---	---
Machine Hours	1249	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 GREENVILLE, NC
 US 27834
 Contact: ALLEN WILLIAMS
 allen.williams@ascendummachinery.com
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Please specify the brand, type, and viscosity of the oil on your next sample. The copper 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.



WEAR METALS

Iron	ppm	■ 13	---	---	---
Copper	ppm	▲ 231	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3752	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1605	---	---	---
Phosphorus	ppm	1356	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	138	---	---	---

Depot: VOLVO8769
Unique No: 11056482
Signed: Angela Borella
Report Date: 31 May 2024

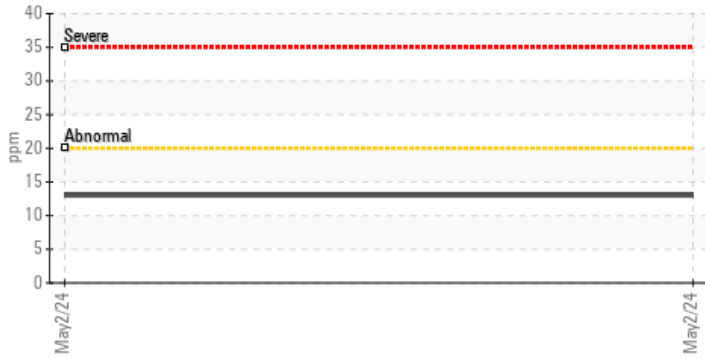


CONSTRUCTION EQUIPMENT

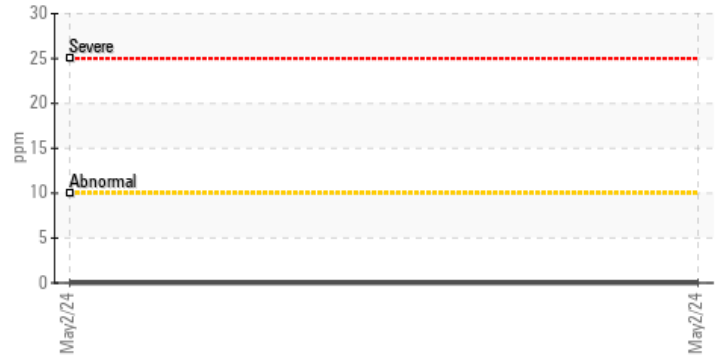


GRAPHS

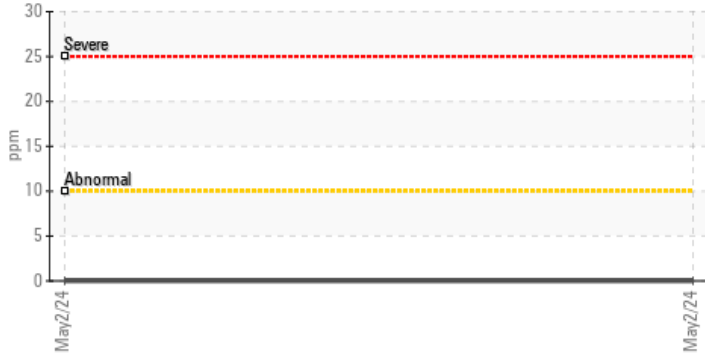
Iron (ppm)



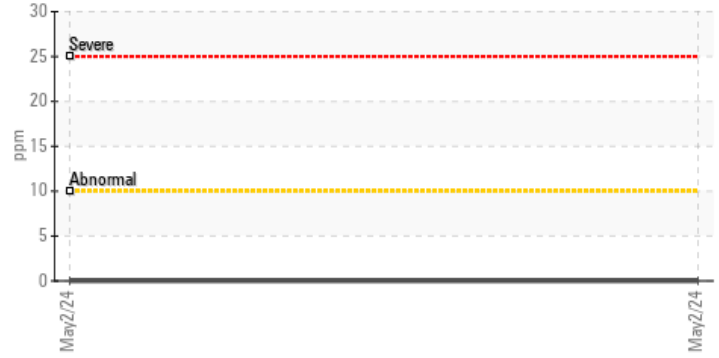
Lead (ppm)



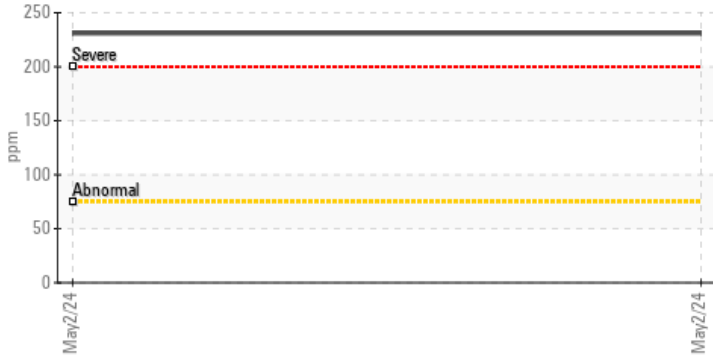
Aluminum (ppm)



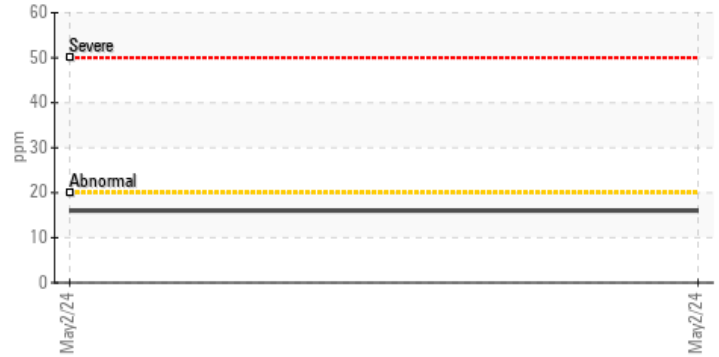
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

