



CONSTRUCTION EQUIPMENT

675223 COCOA VOLVO G930C 675223 - WET DISC BRAKE



Sample No: VCP439116
Oil Type: VOLVO WB 102
Job No: 675223 COCOA



SAMPLE INFORMATION

Sample Number	VCP439116	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	951	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



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OIL CONDITION

Visc @ 40°C	cSt	■ 57.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	▲ 126	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3375	---	---	---
Magnesium	ppm	■ 17	---	---	---
Zinc	ppm	■ 1394	---	---	---
Phosphorus	ppm	■ 1143	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 105	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. 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: VOLVO0096
Unique No: 10900288
Signed: Jonathan Hester
Report Date: 29 Feb 2024

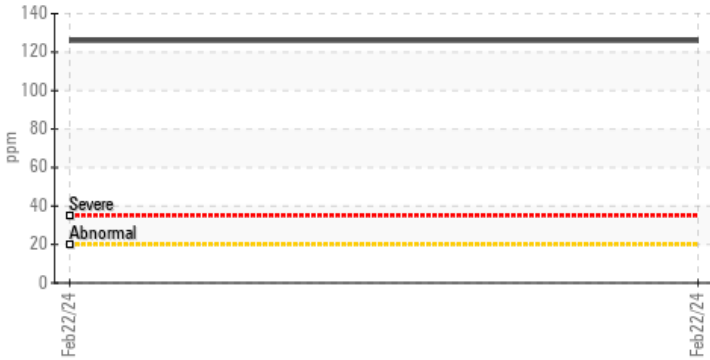


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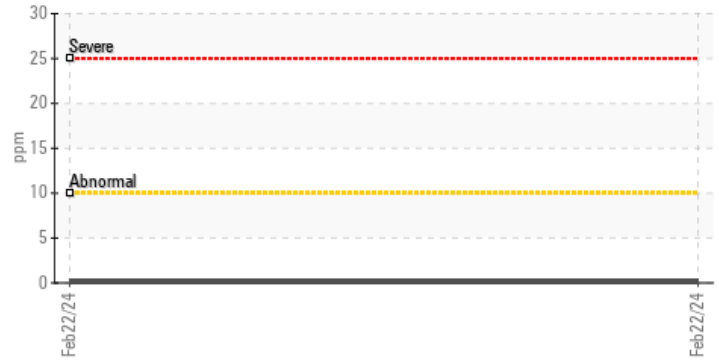


GRAPHS

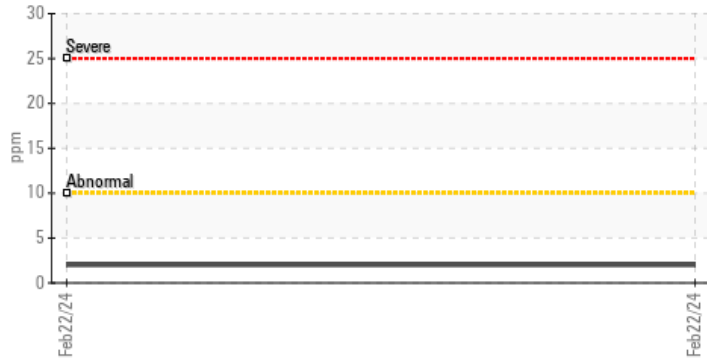
▲ Iron (ppm)



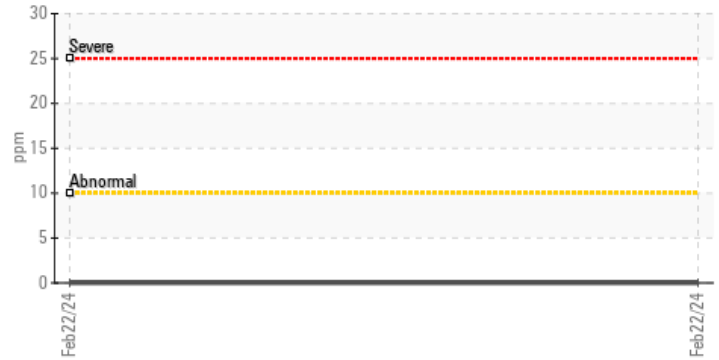
Lead (ppm)



Aluminum (ppm)



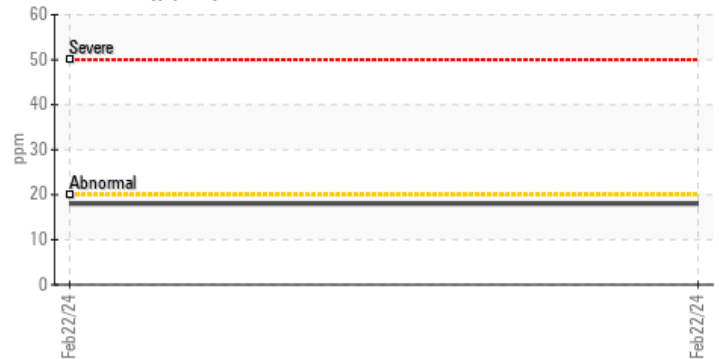
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

