



CONSTRUCTION EQUIPMENT

SWO069603 SWADA VOLVO A30G 740265 - WET DISC BRAKE



Sample No: VCP442367
Oil Type: {unknown}
Job No: SWO069603 SWADA



COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
15101 ALABAMA HWY 20
MADISON, AL
US 35756
Contact: RANDY HARRIS
RHARRIS@COWIN.COM
T: (256)298-2322
F: (256)355-5250



SAMPLE INFORMATION

Sample Number	VCP442367	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	7994	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 58.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	▲ 101	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4510	---	---	---
Magnesium	ppm	33	---	---	---
Zinc	ppm	1796	---	---	---
Phosphorus	ppm	1773	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	44	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Bearing and/or bushing wear is indicated. 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: COWMAD
Unique No: 10885420
Signed: Don Baldrige
Report Date: 20 Feb 2024

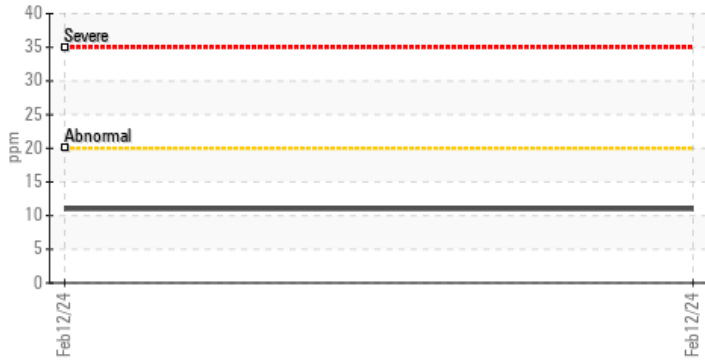


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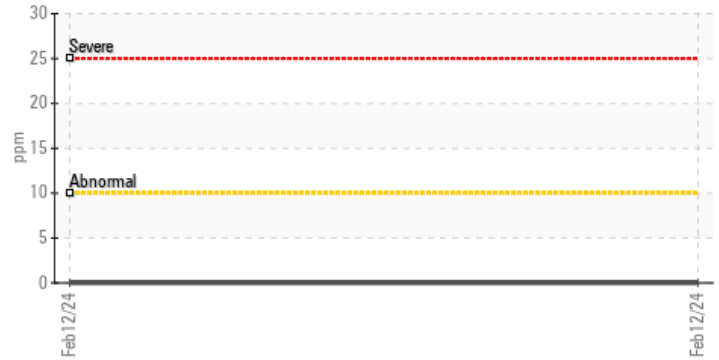


GRAPHS

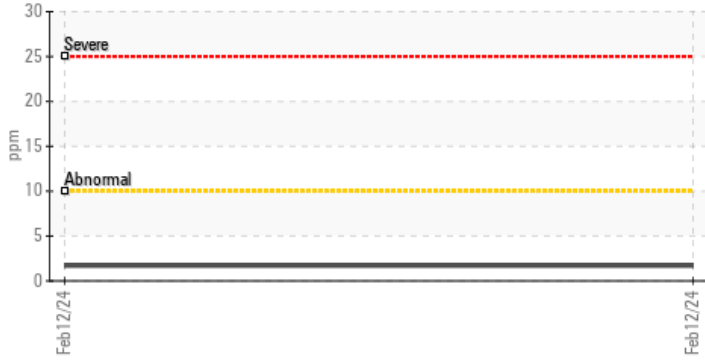
Iron (ppm)



Lead (ppm)



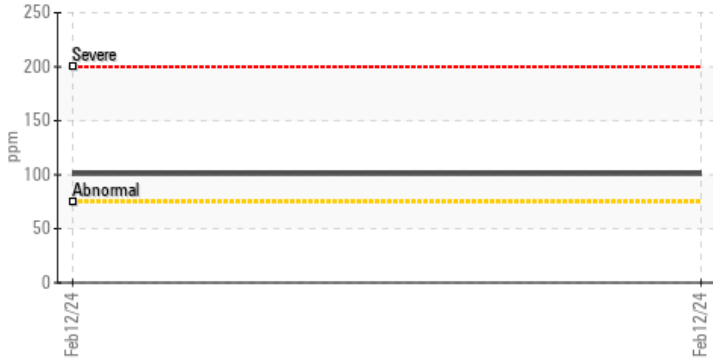
Aluminum (ppm)



Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

