



CONSTRUCTION EQUIPMENT

SWADA VOLVO A30G 742139 - WET DISC BRAKE



Sample No: VCP413012

Oil Type: NOT GIVEN

Job No: SWADA



SAMPLE INFORMATION

Sample Number	VCP413012	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	8066	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT CO. INC.

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 COAKES@COWIN.COM
 T: (256)261-1200
 F: (256)261-1209



OIL CONDITION

Visc @ 40°C	cSt	■ 52.3	---	---	---
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CONTAMINATION

Water	%	▲ 0.543	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 84	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3226	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	1244	---	---	---
Phosphorus	ppm	1001	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	64	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: ASCHUN
Unique No: 10725319
Signed: Don Baldrige
Report Date: 04 Nov 2023

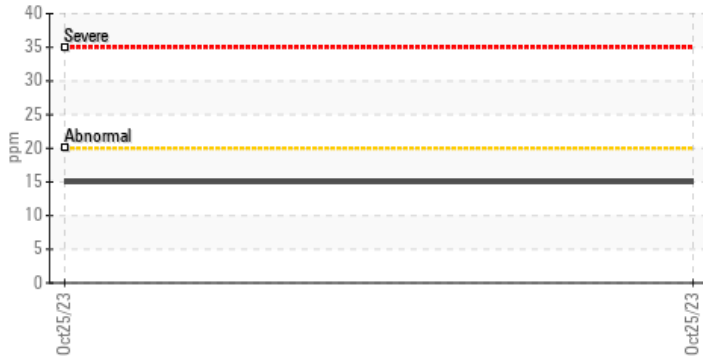


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GRAPHS

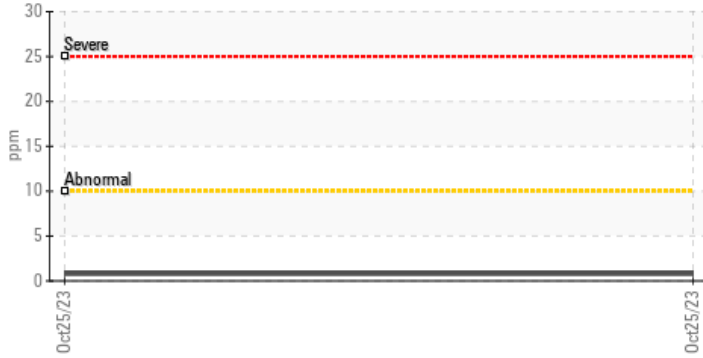
Iron (ppm)



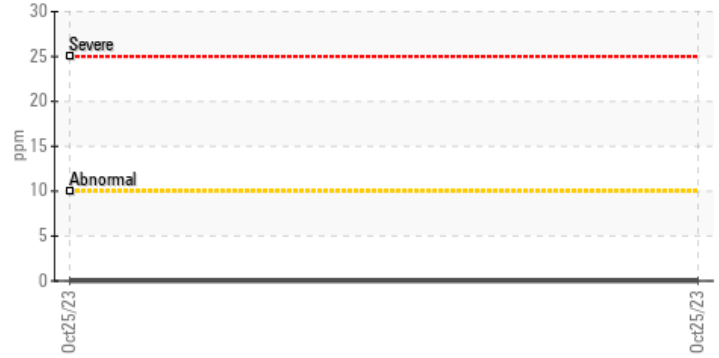
Lead (ppm)



Aluminum (ppm)



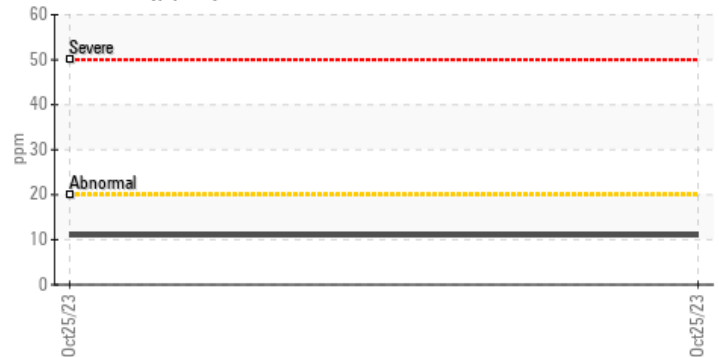
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

