



CONSTRUCTION EQUIPMENT

VOLVO A40G VR205 - FRONT BRAKE



Sample No: WC0306903

Oil Type: VOLVO WB 101

Job No:



SAMPLE INFORMATION

Sample Number	WC0306903	---	---	---
Sample Date	18 Feb 2020	---	---	---
Machine Hours	6464	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT

655 MOUNTDALE AVENUE
THUNDER BAY, ON
CA P7E 6E5
Contact: Jean-Luc Antier
jantier@strongco.com
T: (807)475-3052
F: (807)473-0921



OIL CONDITION

Visc @ 40°C	cSt	█ 46.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

PQ		41	---	---	---
Iron	ppm	█ 86	---	---	---
Copper	ppm	█ 191	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3908	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1520	---	---	---
Phosphorus	ppm	█ 1230	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 109	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: CHATHU
Unique No: 5006797
Signed: Bill Quesnel
Report Date: 21 Feb 2020

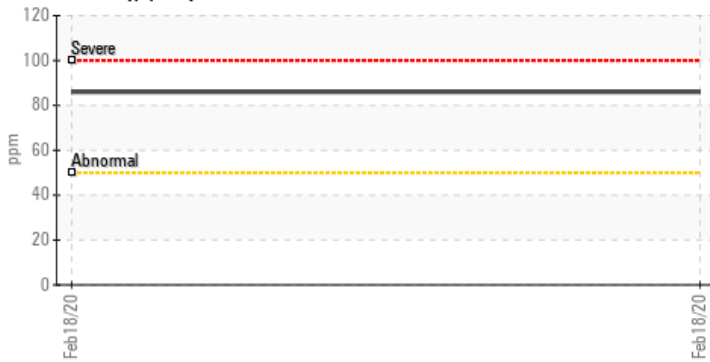


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GRAPHS

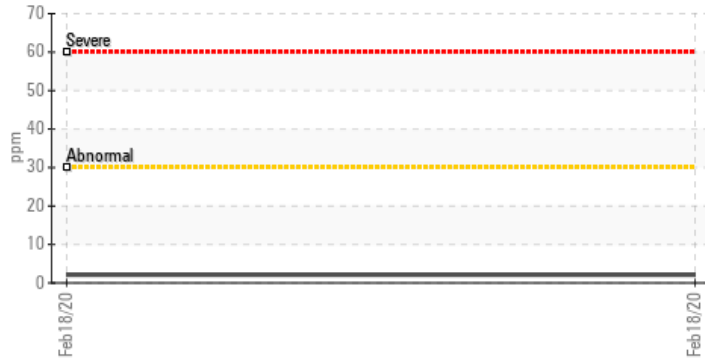
Iron (ppm)



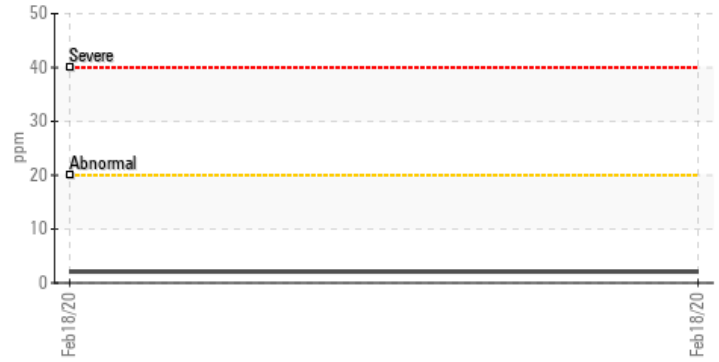
Lead (ppm)



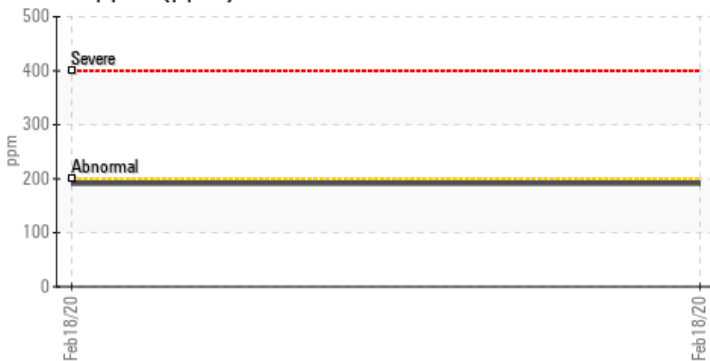
Aluminum (ppm)



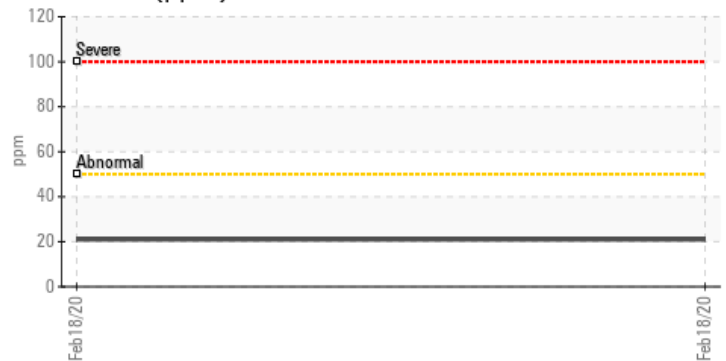
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



PQ

