



CONSTRUCTION EQUIPMENT

VOLVO A40G VR205 - HYDRAULIC SYSTEM



Sample No: WC0306908
Oil Type: FUCHS RENOLIN B 15 VG46
Job No:



SAMPLE INFORMATION

Sample Number	WC0306908	---	---	---
Sample Date	18 Feb 2020	---	---	---
Machine Hours	0	---	---	---
Oil Hours	6464	---	---	---
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	█ 39.7	---	---	---
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CONTAMINATION

Water	%	█ 0.003	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	255	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	475	---	---	---
Phosphorus	ppm	377	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	2	---	---	---

Diagnosis
Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the component (unconfirmed). The condition of the oil is acceptable for the time in service.

Depot: CHATHU
Unique No: 5006752
Signed: Wes Davis
Report Date: 24 Feb 2020

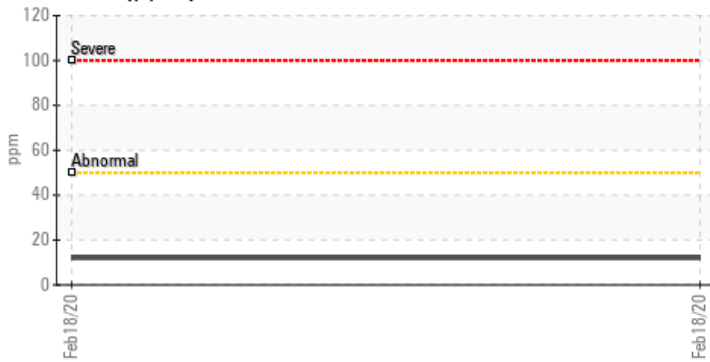


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GRAPHS

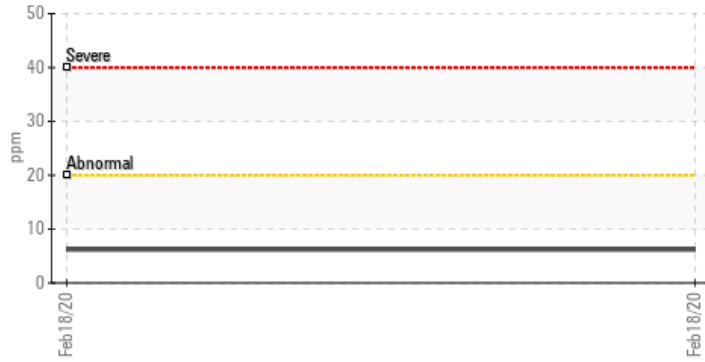
Iron (ppm)



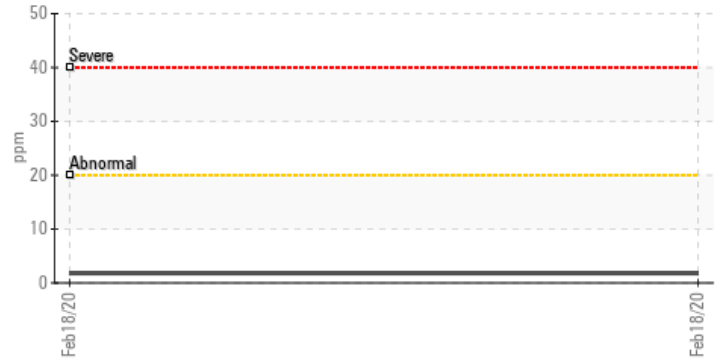
Lead (ppm)



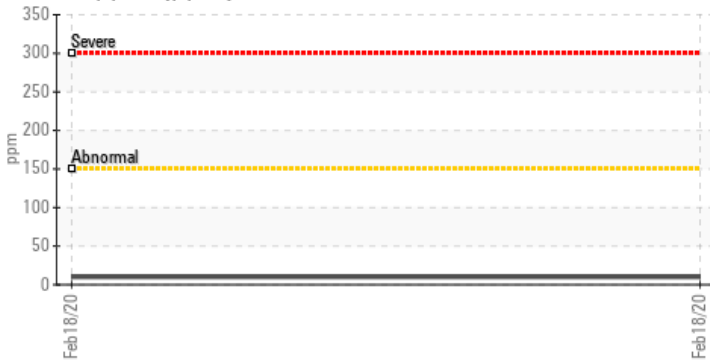
Aluminum (ppm)



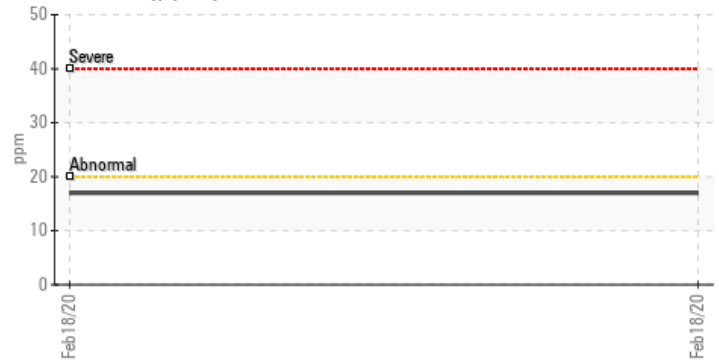
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

