



CONSTRUCTION EQUIPMENT

VOLVO A30G RR1061-2 - WET DISC BRAKE



Sample No: VCP06087750

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP06087750	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

ROCRENTS EQUIPMENT

610 SALT RD
 WEBSTER, NY
 US 14580
 Contact: GARY RIVOLI
 operations@rocrents.com
 T: (585)645-7044
 F: (877)618-7368



OIL CONDITION

Visc @ 40°C	cSt	■ 47.0	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	◆ 1.17	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We advise that you check for the source of water entry. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is abnormal. The copper level is severe. There is a high concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 29	---	---	---
Copper	ppm	◆ 368	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3276	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	1165	---	---	---
Phosphorus	ppm	1013	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	112	---	---	---

Depot: ROCWEB
Unique No: 10875195
Signed: Jonathan Hester
Report Date: 15 Feb 2024

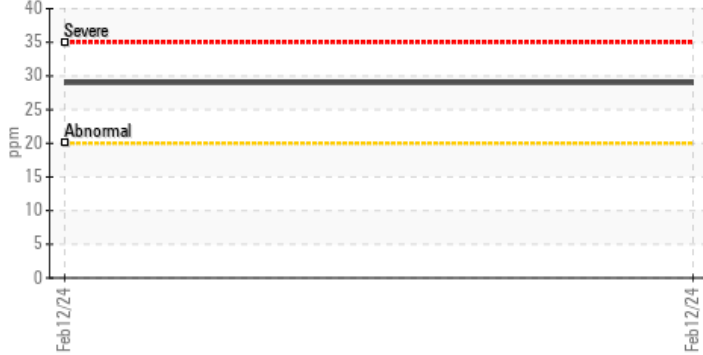


CONSTRUCTION EQUIPMENT

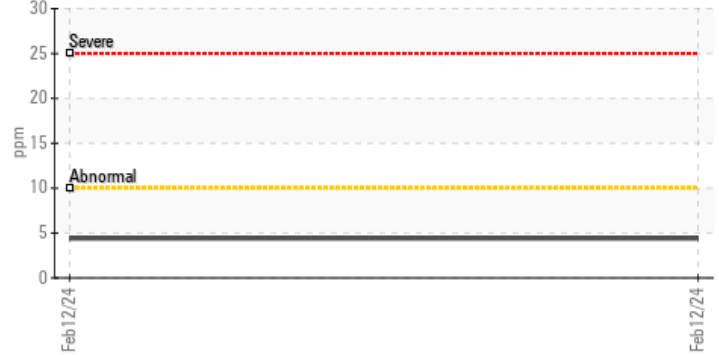


GRAPHS

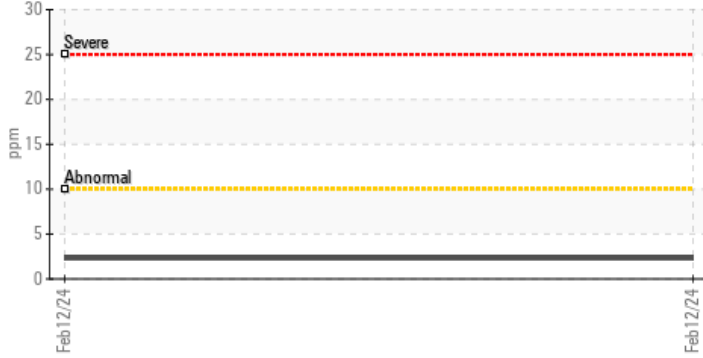
▲ Iron (ppm)



Lead (ppm)



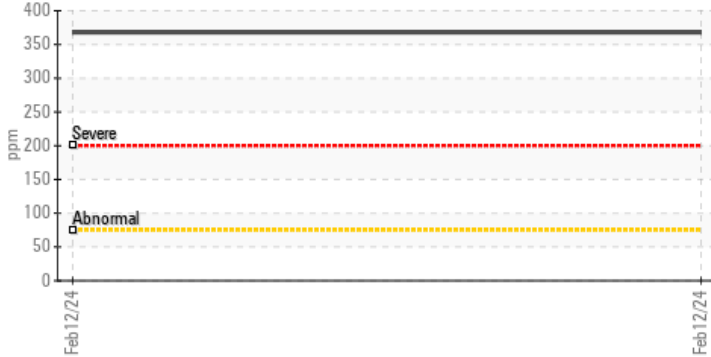
Aluminum (ppm)



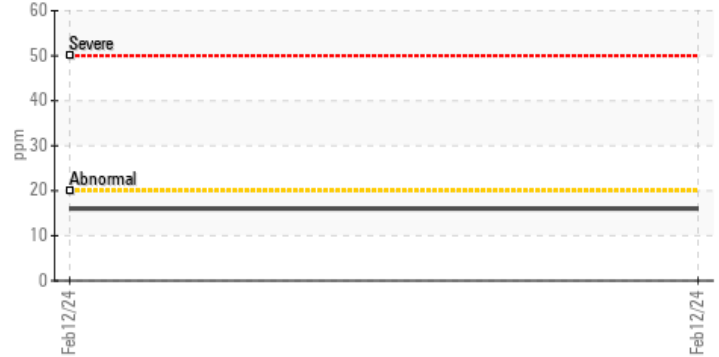
Chromium (ppm)



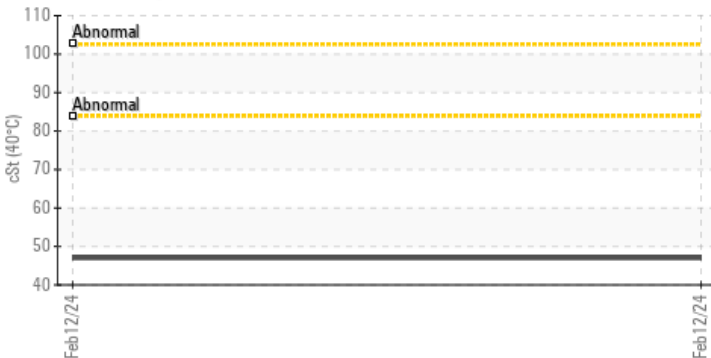
◆ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



◆ Water

