



CONSTRUCTION EQUIPMENT

9391 VOLVO A30G 740290 - WET DISC BRAKE



Sample No: VCP424589

Oil Type: NOT GIVEN

Job No: 9391



SAMPLE INFORMATION

Sample Number	VCP424589	---	---	---
Sample Date	02 Aug 2023	---	---	---
Machine Hours	8505	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 45.0	---	---	---
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CONTAMINATION

Water	%	▲ 0.186	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 63	---	---	---
Copper	ppm	█ 77	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3581	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	1413	---	---	---
Phosphorus	ppm	1270	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	133	---	---	---

Depot: VOLVO0264
Unique No: 10615802
Signed: Don Baldrige
Report Date: 23 Aug 2023

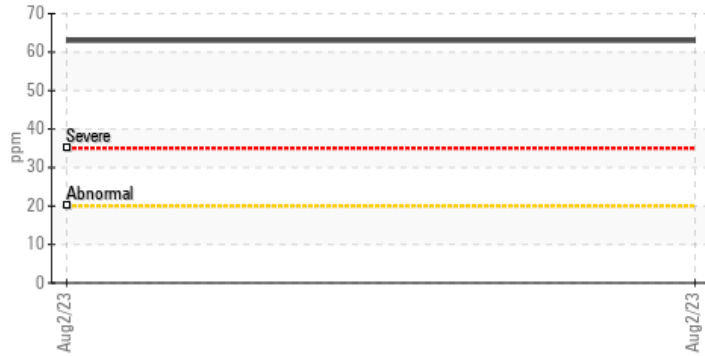


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GRAPHS

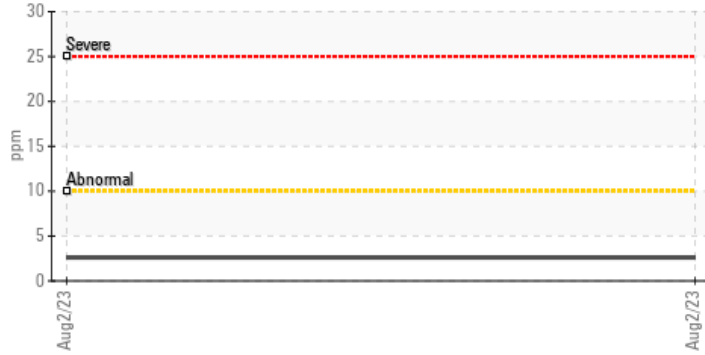
▲ Iron (ppm)



Lead (ppm)



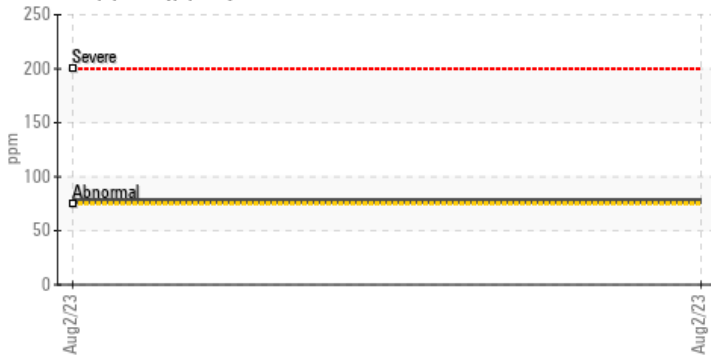
Aluminum (ppm)



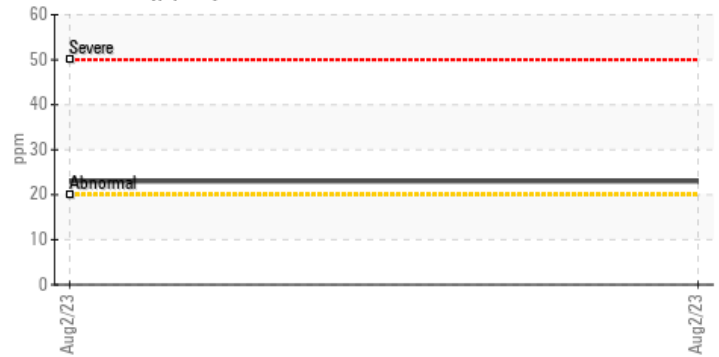
Chromium (ppm)



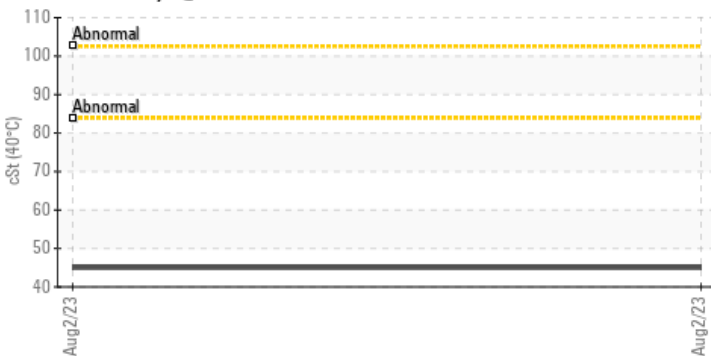
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



▲ Water

