



CONSTRUCTION EQUIPMENT

A10890 VOLVO A35G 352057 - WET DISC BRAKE



Sample No: VCP414304
Oil Type: MOBIL GO 102
Job No: A10890



SAMPLE INFORMATION

Sample Number	VCP414304	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	2020	---	---	---
Oil Hours	2020	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 18	---	---	---
Copper	ppm	▲ 300	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3639	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1522	---	---	---
Phosphorus	ppm	1302	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	120	---	---	---

Depot: JAAPHI
Unique No: 10618273
Signed: Don Baldrige
Report Date: 25 Aug 2023

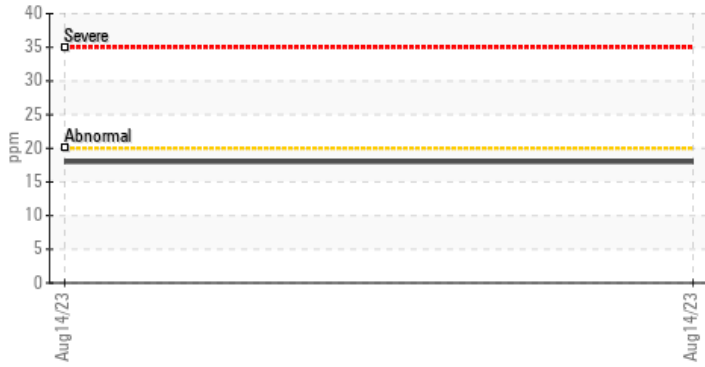


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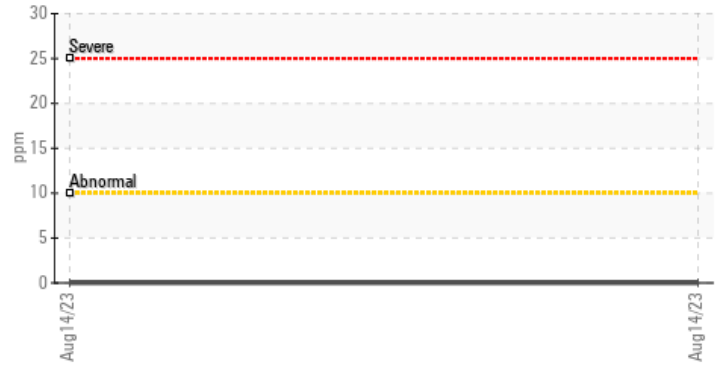


GRAPHS

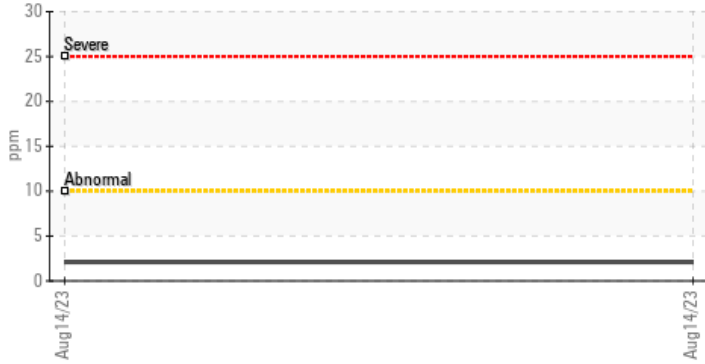
Iron (ppm)



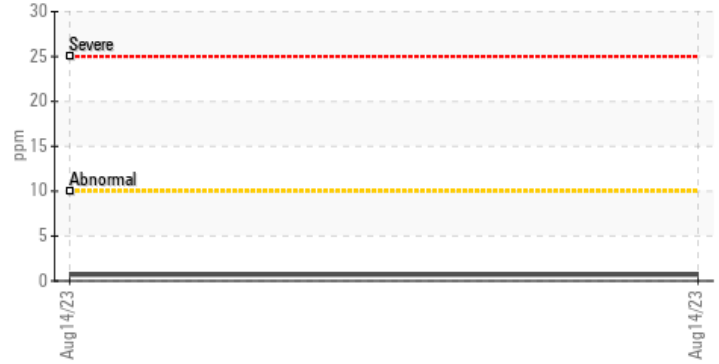
Lead (ppm)



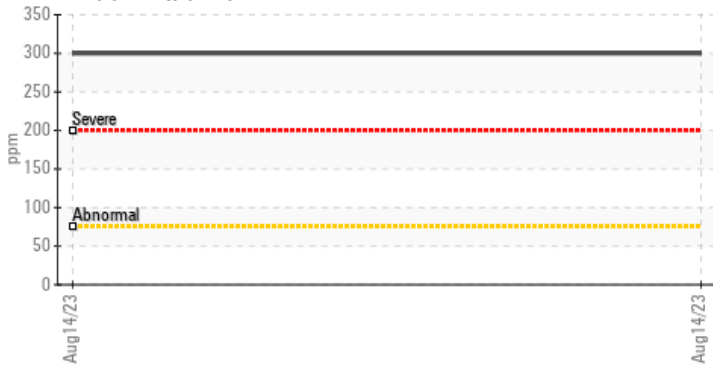
Aluminum (ppm)



Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

