



CONSTRUCTION EQUIPMENT

BECKNER VOLVO A25G 752592 - WET DISC BRAKE



Sample No: VCP432056
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: BECKNER



SAMPLE INFORMATION

Sample Number	VCP432056	---	---	---
Sample Date	27 Sep 2023	---	---	---
Machine Hours	1045	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.3	---	---	---
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CONTAMINATION

Silicon	ppm	17	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---

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	8	---	---	---
Copper	ppm	97	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3874	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1624	---	---	---
Phosphorus	ppm	1334	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	128	---	---	---

Depot: VOLVO0093
Unique No: 10675826
Signed: Sean Felton
Report Date: 06 Oct 2023

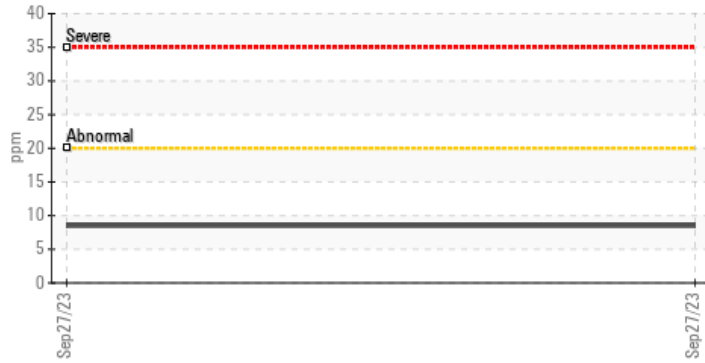


CONSTRUCTION EQUIPMENT



GRAPHS

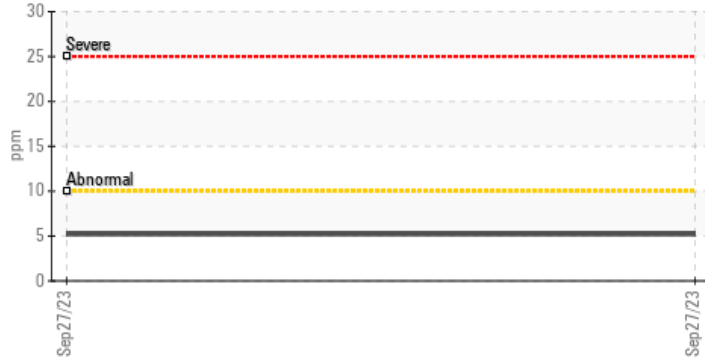
Iron (ppm)



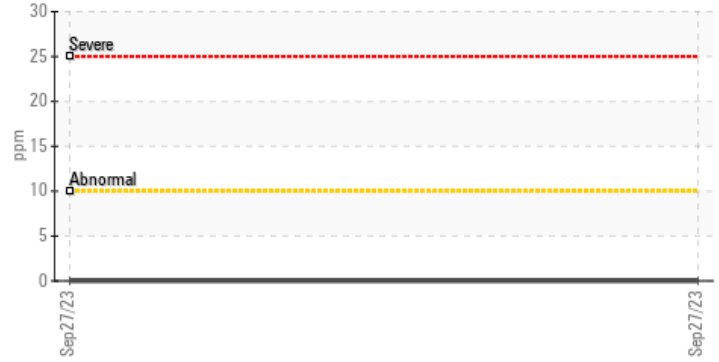
Lead (ppm)



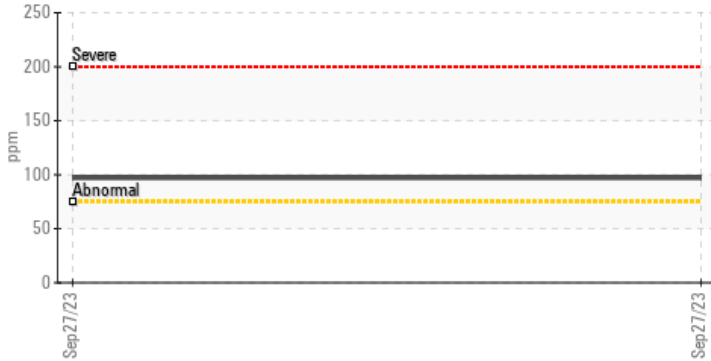
Aluminum (ppm)



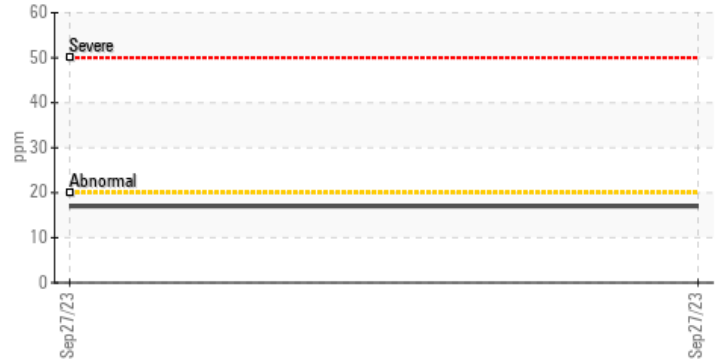
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

