



CONSTRUCTION EQUIPMENT

730383 RENTALS VOLVO A25G 752974 - WET DISC BRAKE



Sample No: VCP449580
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 730383 RENTALS



SAMPLE INFORMATION

Sample Number	VCP449580	---	---	---
Sample Date	06 Jul 2024	---	---	---
Machine Hours	1232	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

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OIL CONDITION

Visc @ 40°C	cSt	● 77.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 14	---	---	---
Copper	ppm	▲ 240	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	● 76	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1753	---	---	---
Magnesium	ppm	● 422	---	---	---
Zinc	ppm	● 1026	---	---	---
Phosphorus	ppm	● 914	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	● 30	---	---	---

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 oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0095
Unique No: 11128290
Signed: Don Baldrige
Report Date: 19 Jul 2024

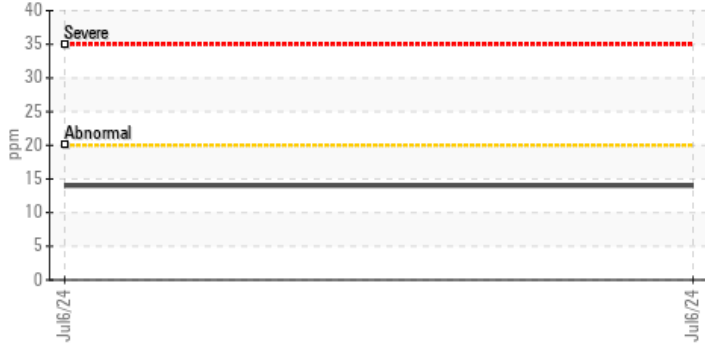


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GRAPHS

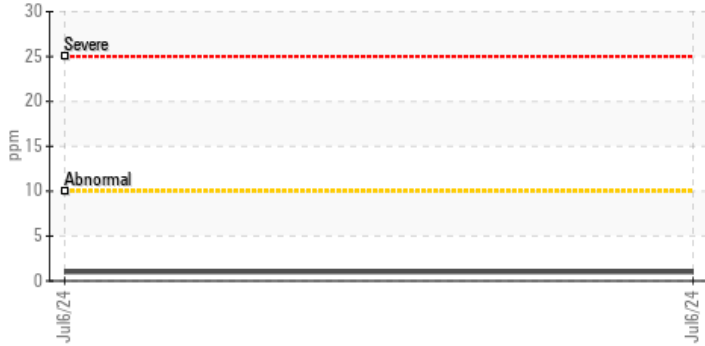
Iron (ppm)



Lead (ppm)



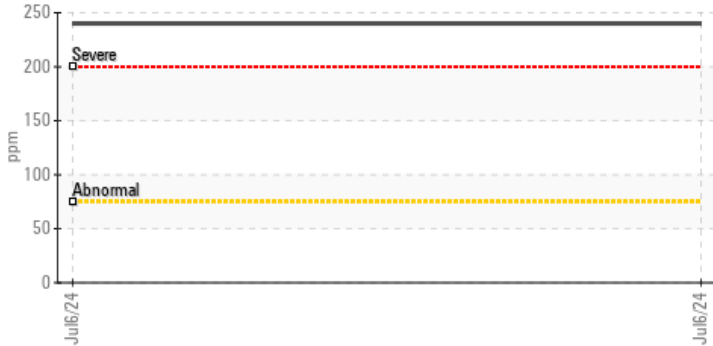
Aluminum (ppm)



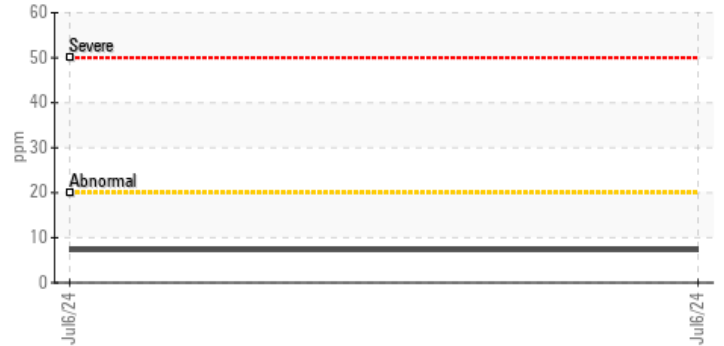
Chromium (ppm)



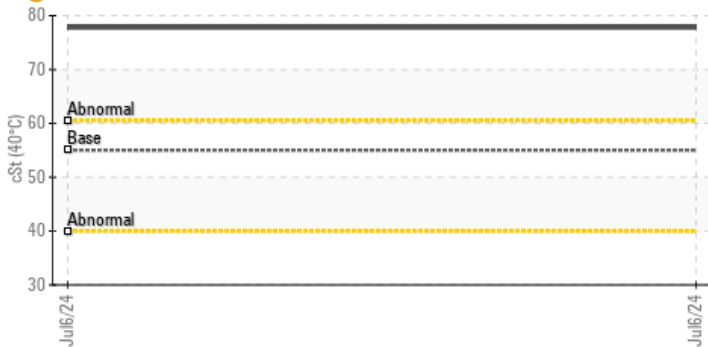
▲ Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



● Additives

