



CONSTRUCTION EQUIPMENT

716009 HERC RENTALS VOLVO A30G 753424 - WET DISC BRAKE



Sample No: VCP451016
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 716009 HERC RENTALS



ALTA EQUIPMENT COMPANY
 5210 REESE ROAD
 DAVIE, FL
 US 33314
 Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318



SAMPLE INFORMATION

Sample Number	VCP451016	---	---	---
Sample Date	24 May 2024	---	---	---
Machine Hours	981	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 39.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 46	---	---	---
Copper	ppm	▲ 181	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3298	---	---	---
Magnesium	ppm	■ 8	---	---	---
Zinc	ppm	■ 1415	---	---	---
Phosphorus	ppm	■ 1163	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 108	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0095
Unique No: 11057884
Signed: Don Baldrige
Report Date: 01 Jun 2024

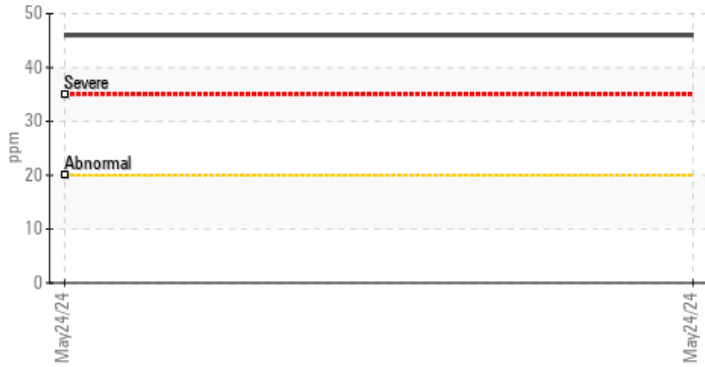


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GRAPHS

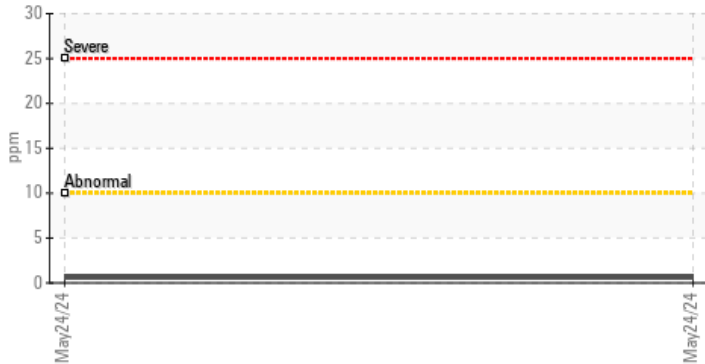
▲ Iron (ppm)



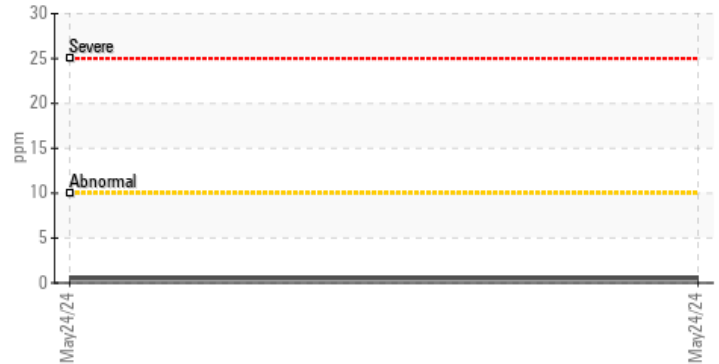
Lead (ppm)



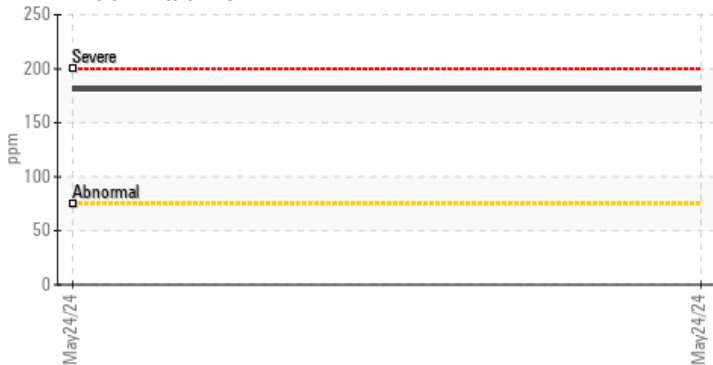
Aluminum (ppm)



Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

