



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - WET DISC BRAKE



Sample No: VCP436597
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



SAMPLE INFORMATION

Sample Number	VCP436597	VCP421334	---	---
Sample Date	25 Jan 2024	20 Jul 2023	---	---
Machine Hours	3274	2242	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.7	40.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	19	19	---	---
Sodium	ppm	11	11	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	40	29	---	---
Copper	ppm	265	179	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	6	6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3472	3626	---	---
Magnesium	ppm	11	7	---	---
Zinc	ppm	1564	1592	---	---
Phosphorus	ppm	1344	1311	---	---
Barium	ppm	0	0	---	---
Boron	ppm	132	158	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. The iron 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: VOLVO0090
Unique No: 10849956
Signed: Don Baldrige
Report Date: 31 Jan 2024

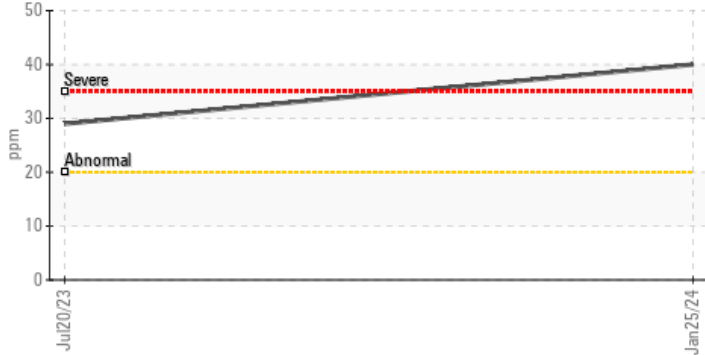


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GRAPHS

▲ Iron (ppm)



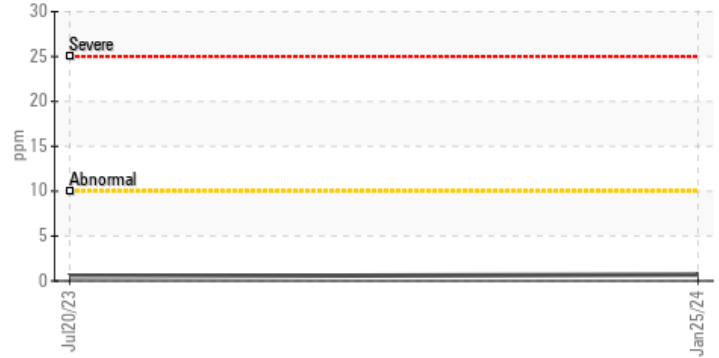
Lead (ppm)



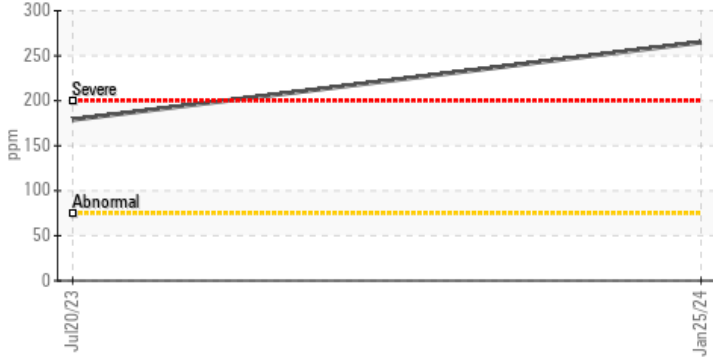
Aluminum (ppm)



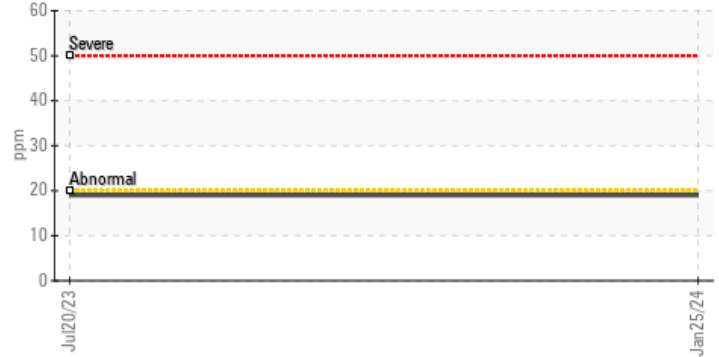
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

