



CONSTRUCTION EQUIPMENT

VOLVO A45G 353220 - WET DISC BRAKE



Sample No: VCP438785
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP438785	VCP426663	---	---
Sample Date	22 Mar 2024	26 Jul 2023	---	---
Machine Hours	3496	2142	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	41.0	40.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	21	20	---	---
Sodium	ppm	9	12	---	---
Potassium	ppm	3	0	---	---

WEAR METALS

Iron	ppm	83	42	---	---
Copper	ppm	68	43	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	7	6	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	3672	3752	---	---
Magnesium	ppm	9	13	---	---
Zinc	ppm	1555	1648	---	---
Phosphorus	ppm	1468	1358	---	---
Barium	ppm	1	0	---	---
Boron	ppm	137	124	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron 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.

Depot: VOLVO0090
Unique No: 10942426
Signed: Jonathan Hester
Report Date: 28 Mar 2024



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VOLVO GRAPHS

