



CONSTRUCTION EQUIPMENT

VOLVO A45G 35323 - WET DISC BRAKE



Sample No: VCP451248
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
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 T:
 F: (239)481-3302



SAMPLE INFORMATION

Sample Number	VCP451248	VCP437713	---	---
Sample Date	03 May 2024	12 Apr 2024	---	---
Machine Hours	2406	2288	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.4	40.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	18	---	---
Sodium	ppm	12	12	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	21	19	---	---
Copper	ppm	224	251	---	---
Lead	ppm	4	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	6	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3467	3597	---	---
Magnesium	ppm	8	0	---	---
Zinc	ppm	1452	1522	---	---
Phosphorus	ppm	1283	1396	---	---
Barium	ppm	0	0	---	---
Boron	ppm	111	127	---	---

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.

Depot: VOLVO0090
Unique No: 11016369
Signed: Jonathan Hester
Report Date: 08 May 2024



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VOLVO GRAPHS

