



CONSTRUCTION EQUIPMENT

VOLVO A45G 752059 - WET DISC BRAKE



Sample No: VCP449975
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP449975	VCP445617	---	---
Sample Date	04 Jun 2024	29 Feb 2024	---	---
Machine Hours	1204	732	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	44.0	47.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	6	<1	---	---

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.



WEAR METALS

Iron	ppm	21	18	---	---
Copper	ppm	112	77	---	---
Lead	ppm	4	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	2	0	---	---
Nickel	ppm	4	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3557	3536	---	---
Magnesium	ppm	7	7	---	---
Zinc	ppm	1486	1469	---	---
Phosphorus	ppm	1241	1261	---	---
Barium	ppm	0	0	---	---
Boron	ppm	128	117	---	---

Depot: VOLVO0090
Unique No: 11074379
Signed: Don Baldrige
Report Date: 13 Jun 2024



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GRAPHS

