



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - WET DISC BRAKE



Sample No: VCP323823
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP323823	VCP310528	---	---
Sample Date	25 Oct 2023	30 Apr 2021	---	---
Machine Hours	7451	2179	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	39.7	39.7	---	---
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CONTAMINATION

Silicon	ppm	21	17	---	---
Sodium	ppm	9	10	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	34	17	---	---
Copper	ppm	212	127	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	7	6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2932	3464	---	---
Magnesium	ppm	20	12	---	---
Zinc	ppm	1386	1467	---	---
Phosphorus	ppm	1254	1285	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	128	---	---

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: 10715873
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

