



CONSTRUCTION EQUIPMENT

VOLVO A40G 341 163 - WET DISC BRAKE



Sample No: VCP441012
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP441012	VCP434102	---	---
Sample Date	08 May 2024	17 Nov 2023	---	---
Machine Hours	10842	9855	---	---
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
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	42.2	42.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	13	---	---
Sodium	ppm	5	0	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	28	23	---	---
Copper	ppm	382	400	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3808	3727	---	---
Magnesium	ppm	21	21	---	---
Zinc	ppm	1524	1487	---	---
Phosphorus	ppm	1265	1213	---	---
Barium	ppm	0	0	---	---
Boron	ppm	129	146	---	---

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: 11023566
Signed: Don Baldrige
Report Date: 15 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

