



CONSTRUCTION EQUIPMENT

VOLVO A25G 752045 - WET DISC BRAKE



Sample No: VCP387147
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP387147	VCP320483	---	---
Sample Date	15 Sep 2023	25 Aug 2021	---	---
Machine Hours	3862	1613	---	---
Oil Hours	0	1613	---	---
Oil Changed	Changed	Not Chngd	---	---
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	44.1	39.2	---	---
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CONTAMINATION

Water	%	0.291	---	---	---
Silicon	ppm	19	11	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	<1	3	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	11	12	---	---
Copper	ppm	238	230	---	---
Lead	ppm	3	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3830	3588	---	---
Magnesium	ppm	12	6	---	---
Zinc	ppm	1515	1367	---	---
Phosphorus	ppm	1260	1181	---	---
Barium	ppm	0	0	---	---
Boron	ppm	149	123	---	---

Depot: VOLVO0090
Unique No: 10657951
Signed: Jonathan Hester
Report Date: 22 Sep 2023



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GRAPHS

