



CONSTRUCTION EQUIPMENT

- WET DISC BRAKE



Sample No: VCP455243
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP455243	VCP395829	---	---
Sample Date	06 Jun 2024	25 Feb 2023	---	---
Machine Hours	4000	2203	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	█ 40.3	---	---
-------------	-----	--------	--------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 21	█ 24	---	---
Sodium	ppm	█ 10	█ 6	---	---
Potassium	ppm	█ 4	█ 2	---	---



WEAR METALS

Iron	ppm	█ 27	█ 21	---	---
Copper	ppm	▲ 280	▲ 227	---	---
Lead	ppm	█ 4	█ <1	---	---
Tin	ppm	█ 2	█ 0	---	---
Aluminum	ppm	█ 1	█ 2	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 2	█ 0	---	---
Nickel	ppm	█ 6	█ 7	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3258	█ 4267	---	---
Magnesium	ppm	█ 11	█ 11	---	---
Zinc	ppm	█ 1428	█ 1706	---	---
Phosphorus	ppm	█ 1232	█ 1389	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 116	█ 128	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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: 11074365
Signed: Don Baldrige
Report Date: 13 Jun 2024

VOLVO **GRAPHS**

