



CONSTRUCTION EQUIPMENT

VOLVO A25G 752045 - WET DISC BRAKE



Sample No: VCP447762
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP447762	VCP387147	VCP320483	---
Sample Date	21 May 2024	15 Sep 2023	25 Aug 2021	---
Machine Hours	4514	3862	1613	---
Oil Hours	0	0	1613	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ABNORMAL	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	47.9	44.1	39.2	---
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CONTAMINATION

Water	%	NEG	▲ 0.291	NEG	---
Silicon	ppm	20	19	11	---
Sodium	ppm	2	3	4	---
Potassium	ppm	0	<1	3	---



WEAR METALS

Iron	ppm	15	11	12	---
Copper	ppm	▲ 305	▲ 238	▲ 230	---
Lead	ppm	0	3	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3833	3830	3588	---
Magnesium	ppm	11	12	6	---
Zinc	ppm	1513	1515	1367	---
Phosphorus	ppm	1278	1260	1181	---
Barium	ppm	0	0	0	---
Boron	ppm	148	149	123	---

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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 11056520
Signed: Don Baldrige
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

