



CONSTRUCTION EQUIPMENT

19761 VOLVO A40G 352791 - WET DISC BRAKE



Sample No: VCP398812
Oil Type: VOLVO WB 102
Job No: 19761



SAMPLE INFORMATION

Sample Number	VCP398812	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	4020	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	■ 40.1	---	---	---
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CONTAMINATION

Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 18	---	---	---
Copper	ppm	▲ 274	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 2837	---	---	---
Magnesium	ppm	■ 23	---	---	---
Zinc	ppm	■ 1335	---	---	---
Phosphorus	ppm	■ 1091	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 88	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. The copper level is abnormal. High concentration of visible metal present. 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: VOLVO8769
Unique No: 10673769
Signed: Don Baldrige
Report Date: 04 Oct 2023



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VOLVO GRAPHS

