



CONSTRUCTION EQUIPMENT

687510 VOLVO A40G 752073 - BRAKE COOLING SYSTEM



Sample No: VCP438342
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 687510



SAMPLE INFORMATION

Sample Number	VCP438342	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	1131	---	---	---
Oil Hours	1131	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rtturner@ripatampa.com



OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 65	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 4128	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1779	---	---	---
Phosphorus	ppm	█ 1442	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 125	---	---	---

Depot: RIPTAM
Unique No: 10976317
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

