



CONSTRUCTION EQUIPMENT

VOLVO A40G 353142 - BRAKE COOLING SYSTEM



Sample No: VCP416307
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP416307	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	2126	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 9	---	---	---
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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 120	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	4092	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	1656	---	---	---
Phosphorus	ppm	1320	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	135	---	---	---

Depot: RIPTAM
Unique No: 10655614
Signed: Jonathan Hester
Report Date: 20 Sep 2023



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GRAPHS

