



CONSTRUCTION EQUIPMENT

VOLVO A45G 342545 - BRAKE COOLING SYSTEM



Sample No: VCP0007595
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007595	VCP317936	VCP288055	---
Sample Date	06 Jul 2023	04 Aug 2021	24 Dec 2020	---
Machine Hours	0	4102	3126	---
Oil Hours	0	1500	3126	---
Oil Changed	N/A	Changed	Not Changd	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
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 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.1	39.6	38.6	---
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CONTAMINATION

Silicon	ppm	15	14	20	---
Sodium	ppm	2	7	10	---
Potassium	ppm	2	0	5	---



WEAR METALS

Iron	ppm	11	13	14	---
Copper	ppm	173	▲ 393	▲ 354	---
Lead	ppm	<1	<1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	0	1	---
Nickel	ppm	3	8	8	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3902	3382	3967	---
Magnesium	ppm	17	6	4	---
Zinc	ppm	1530	1374	1564	---
Phosphorus	ppm	1278	1185	1388	---
Barium	ppm	0	0	0	---
Boron	ppm	157	109	107	---

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.

Depot: QUALITFL
Unique No: 10549866
Signed: Sean Felton
Report Date: 11 Jul 2023



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VOLVO GRAPHS

