



CONSTRUCTION EQUIPMENT

W10797 VOLVO A40G 342574 - BRAKE COOLING SYSTEM



Sample No: VCP279495
Oil Type: VOLVO WB 102
Job No: W10797



SAMPLE INFORMATION

Sample Number	VCP279495	VCP279966	---	---
Sample Date	13 Oct 2020	06 Jul 2020	---	---
Machine Hours	2953	2423	---	---
Oil Hours	1000	500	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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 T: (315)437-2611
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OIL CONDITION

Visc @ 40°C	cSt	42.1	41.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	15	---	---
Sodium	ppm	4	7	---	---
Potassium	ppm	<1	<1	---	---

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	14	9	---	---
Copper	ppm	110	65	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	3	2	---	---
Nickel	ppm	3	3	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3616	4296	---	---
Magnesium	ppm	33	40	---	---
Zinc	ppm	1470	1754	---	---
Phosphorus	ppm	1226	1383	---	---
Barium	ppm	0	0	---	---
Boron	ppm	136	120	---	---

Depot: VOLV00142
Unique No: 9220057
Signed: Don Baldrige
Report Date: 21 Oct 2020



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VOLVO GRAPHS

