



ASCENDUM

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[Wo:48469]
 Machine Id
VOLVO A30G 752468
 Component
Brakefluid
 Fluid
VOLVO WB 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Rush sample!!)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0010596	---	---
Sample Date		Client Info		17 Jul 2024	---	---
Machine Age	hrs	Client Info		3972	---	---
Oil Age	hrs	Client Info		3228	---	---
Filter Age	hrs	Client Info		3228	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	12	---	---
Chromium	ppm	ASTM D5185m		0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>150	1	---	---
Lead	ppm	ASTM D5185m	>7	0	---	---
Copper	ppm	ASTM D5185m	>450	42	---	---
Tin	ppm	ASTM D5185m	>50	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

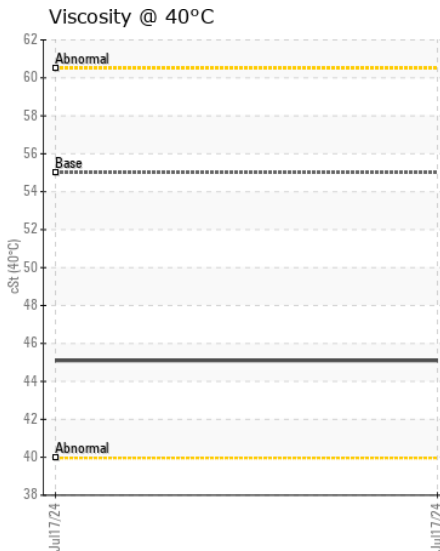
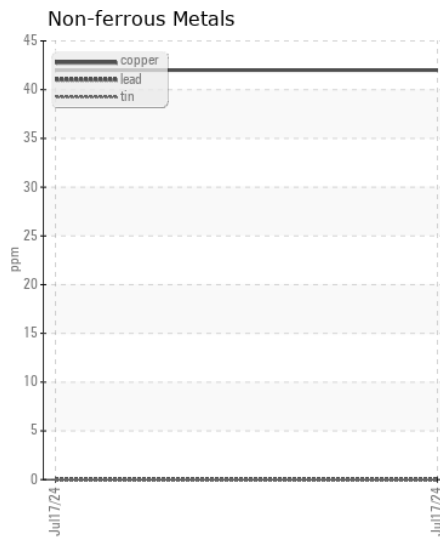
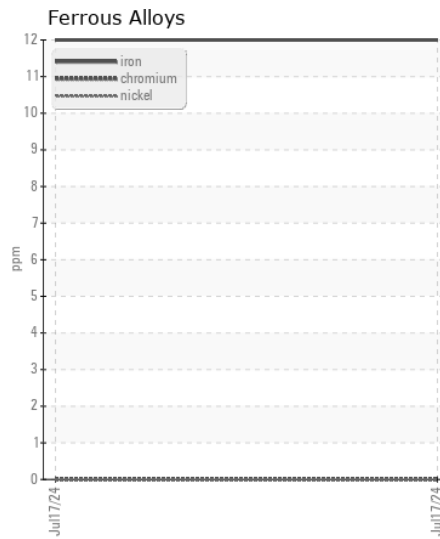
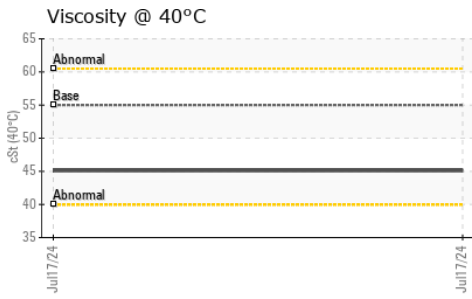
There is no indication of any contamination in the brakefluid.

Silicon	ppm	ASTM D5185m		9	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method	>2.0	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>2.0	NEG	---	---

FLUID CONDITION

The condition of the brakefluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		2	---	---
Boron	ppm	ASTM D5185m		52	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		3	---	---
Calcium	ppm	ASTM D5185m		3950	---	---
Phosphorus	ppm	ASTM D5185m		1314	---	---
Zinc	ppm	ASTM D5185m		1403	---	---
Sulfur	ppm	ASTM D5185m		4852	---	---
Visc @ 40°C	cSt	ASTM D445	55	45.1	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0010596
Lab Number : 06240818
Unique Number : 11129652
Test Package : CONST

Received : 18 Jul 2024
Tested : 19 Jul 2024
Diagnosed : 19 Jul 2024 - Doug Bogart

365 - ASCENDUM MACHINERY INC - SAVANNAH
 54 MEDLINE DR
 RICHMOND HILL, GA
 US 31324
 Contact: Ashley Pendel
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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