



ASCENDUM

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO A30G 742636
Component
Front Axle
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

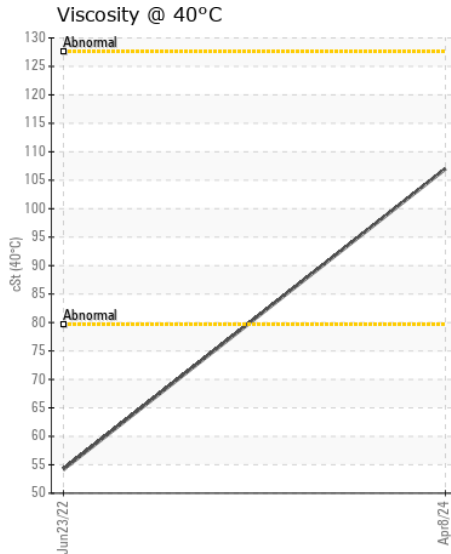
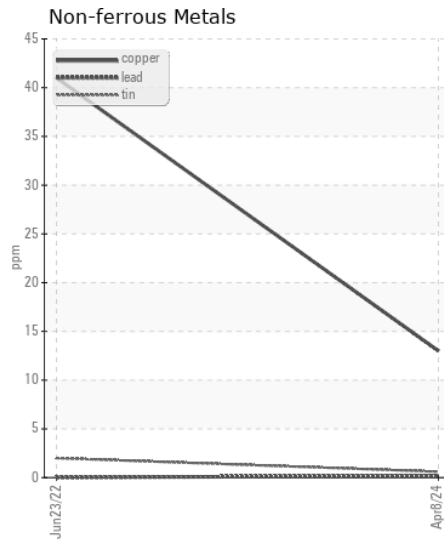
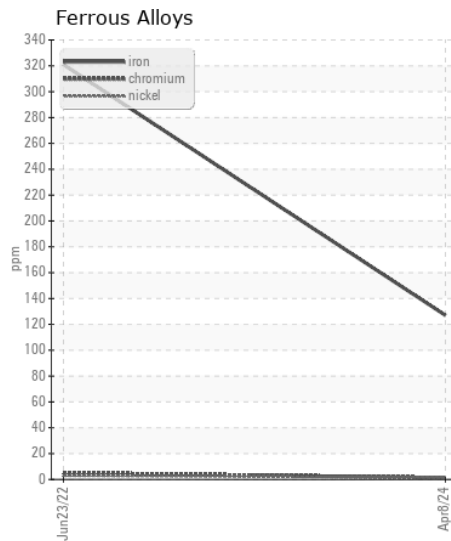
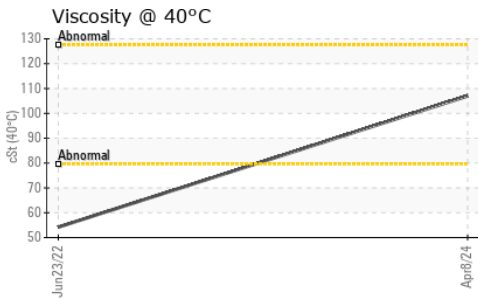
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0006545	VCP329779	---
Sample Date		Client Info		08 Apr 2024	23 Jun 2022	---
Machine Age	hrs	Client Info		4930	3007	---
Oil Age	hrs	Client Info		4930	3007	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>900	127	321	---
Chromium	ppm	ASTM D5185m	>20	1	5	---
Nickel	ppm	ASTM D5185m	>10	2	3	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	<1	---
Aluminum	ppm	ASTM D5185m	>30	<1	2	---
Lead	ppm	ASTM D5185m	>50	<1	0	---
Copper	ppm	ASTM D5185m	>150	13	41	---
Tin	ppm	ASTM D5185m	>20	<1	2	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>50	2	5	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	MODER	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		3	4	---
Boron	ppm	ASTM D5185m		260	154	---
Barium	ppm	ASTM D5185m		3	0	---
Molybdenum	ppm	ASTM D5185m		3	12	---
Manganese	ppm	ASTM D5185m		4	14	---
Magnesium	ppm	ASTM D5185m		7	<1	---
Calcium	ppm	ASTM D5185m		207	816	---
Phosphorus	ppm	ASTM D5185m		1299	1329	---
Zinc	ppm	ASTM D5185m		84	338	---
Sulfur	ppm	ASTM D5185m		44463	21292	---
Visc @ 40°C	cSt	ASTM D445		107	54.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0006545
Lab Number : 06150751
Unique Number : 10980829
Test Package : CONST

Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 17 Apr 2024 - Wes Davis

364 - ASCENDUM MACHINERY INC - MACON
 4807 HARRISON RD
 MACON, GA
 US 31206
 Contact: HALIE BAKER
 halie.baker@ascendummachinery.com

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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