



ASCENDUM

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO A30G 742636
Component
Bogie/Center Axle
Fluid
VOLVO 75W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

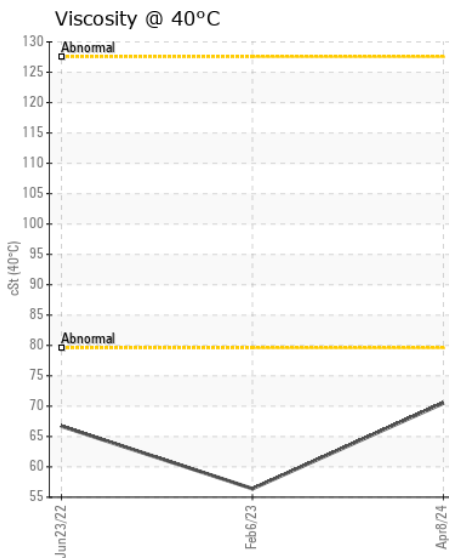
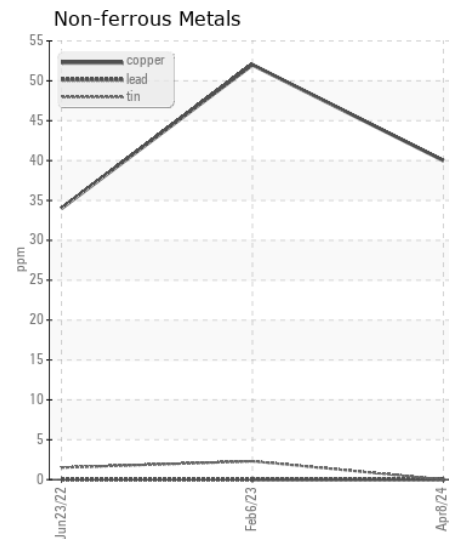
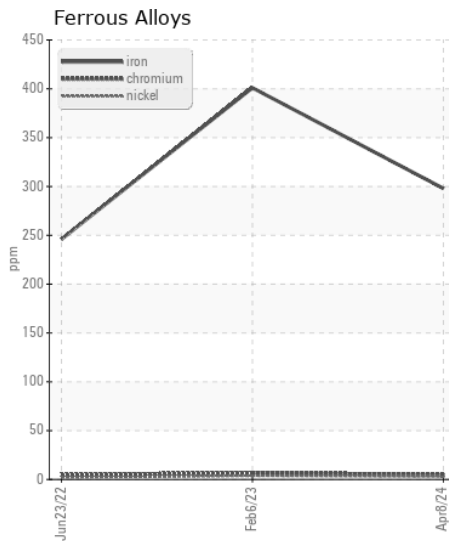
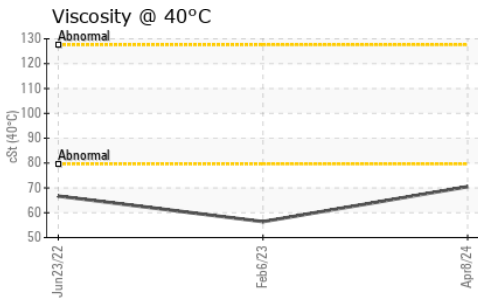
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0006546	VCP401727	VCP333002
Sample Date		Client Info		08 Apr 2024	06 Feb 2023	23 Jun 2022
Machine Age	hrs	Client Info		4930	3013	3007
Oil Age	hrs	Client Info		4930	3013	3007
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>900	298	401	246
Chromium	ppm	ASTM D5185m	>20	5	7	5
Nickel	ppm	ASTM D5185m	>10	3	4	2
Titanium	ppm	ASTM D5185m		3	<1	3
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>30	2	2	6
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>150	40	52	34
Tin	ppm	ASTM D5185m	>20	0	2	2
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	4	8	9
Potassium	ppm	ASTM D5185m	>20	4	5	3
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	LIGHT	MODER
Debris	scalar	*Visual	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		10	5	6
Boron	ppm	ASTM D5185m		167	189	163
Barium	ppm	ASTM D5185m		5	0	0
Molybdenum	ppm	ASTM D5185m		9	12	9
Manganese	ppm	ASTM D5185m		16	21	15
Magnesium	ppm	ASTM D5185m		3	1	<1
Calcium	ppm	ASTM D5185m		383	941	398
Phosphorus	ppm	ASTM D5185m		1275	1581	1288
Zinc	ppm	ASTM D5185m		150	394	173
Sulfur	ppm	ASTM D5185m		42096	21154	24015
Visc @ 40°C	cSt	ASTM D445		70.5	56.4	66.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0006546
Lab Number : 06150755
Unique Number : 10980833
Test Package : CONST

Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 18 Apr 2024 - Don Baldrige

364 - ASCENDUM MACHINERY INC - MACON
 4807 HARRISON RD
 MACON, GA
 US 31206
 Contact: HALIE BAKER
 halie.baker@ascendummachinery.com
 T:
 F: (478)200-5859

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)