CONST

ASCENDUM

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
VOLVO L150H 6893
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

The iron level is abnormal. All other component wear rates are normal.

CONTAMINATION

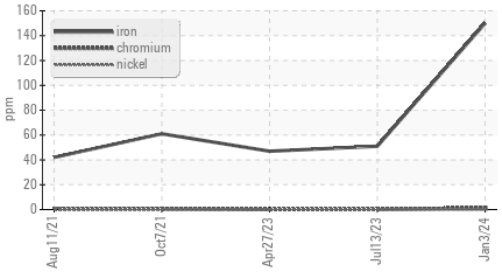
There is no indication of any contamination in the fluid.

FLUID CONDITION

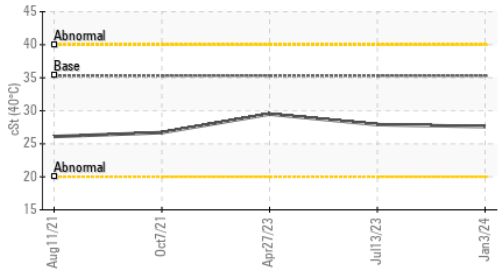
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0006476	VCP427119	VCP419687
Sample Date		Client Info		03 Jan 2024	13 Jul 2023	27 Apr 2023
Machine Age	hrs	Client Info		6684	6060	5650
Oil Age	hrs	Client Info		6684	0	1500
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>150	▲ 150	51	47
Chromium	ppm	ASTM D5185m	>2	1	<1	0
Nickel	ppm	ASTM D5185m	>2	0	0	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>5	<1	<1	0
Lead	ppm	ASTM D5185m	>75	0	0	<1
Copper	ppm	ASTM D5185m	>75	6	4	4
Tin	ppm	ASTM D5185m	>4	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	5	4	4
Potassium	ppm	ASTM D5185m	>20	<1	<1	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		3	3	0
Boron	ppm	ASTM D5185m	187	66	76	74
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0.0	2	2	2
Manganese	ppm	ASTM D5185m	0.0	3	2	1
Magnesium	ppm	ASTM D5185m	6.8	25	18	17
Calcium	ppm	ASTM D5185m	215	151	142	145
Phosphorus	ppm	ASTM D5185m	445	240	231	220
Zinc	ppm	ASTM D5185m	56	38	43	42
Sulfur	ppm	ASTM D5185m	1336	1369	1666	1494
Visc @ 40°C	cSt	ASTM D445	35.3	27.6	27.9	29.5

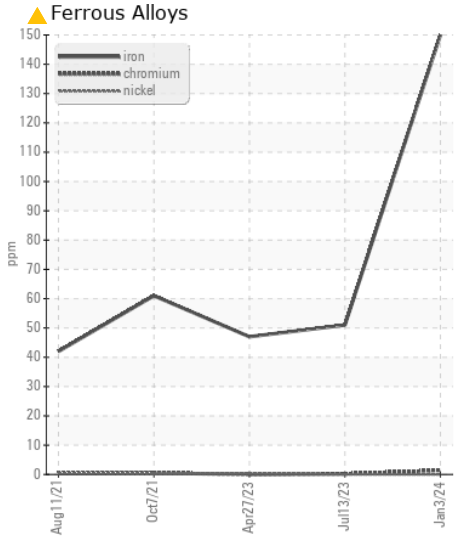
Ferrous Alloys



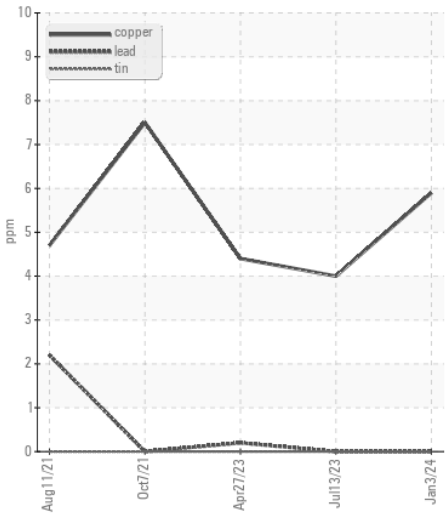
Viscosity @ 40°C



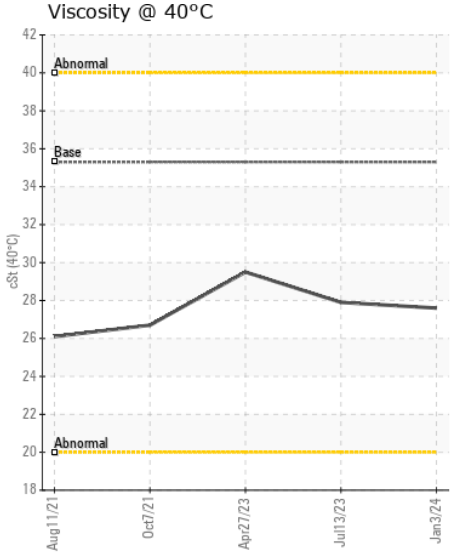
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: ASC0006476	**Recieved**	: 11 Jan 2024
Lab Number	: 06058492	**Diagnosed**	: 14 Jan 2024
Unique Number	: 10829874	**Diagnostician**	: Don Baldridge
Test Package	: CONST		

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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