



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Area
[438237]
Machine Id
VOLVO L120H 632356
Component
Rear Axle
Fluid
VOLVO WB 102 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a moderate concentration of water present in the oil.

FLUID CONDITION

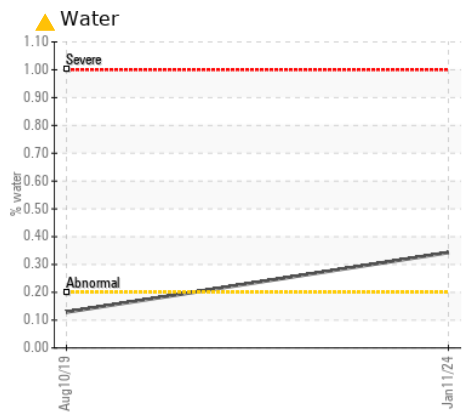
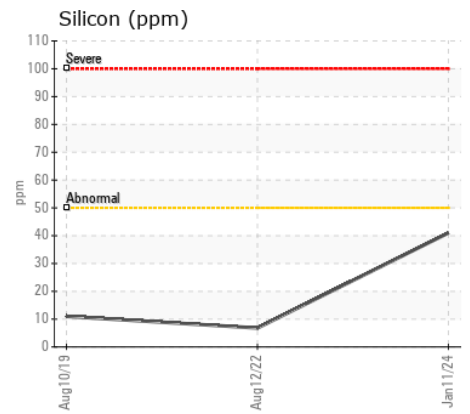
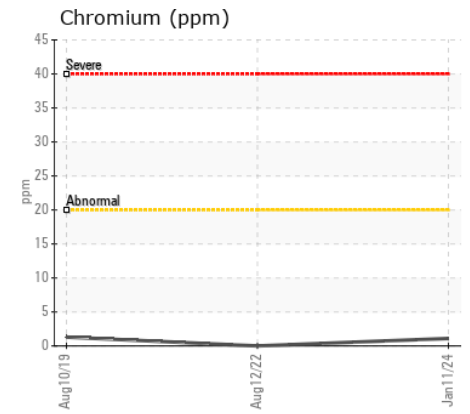
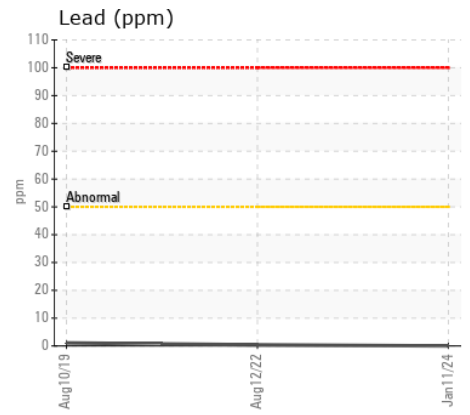
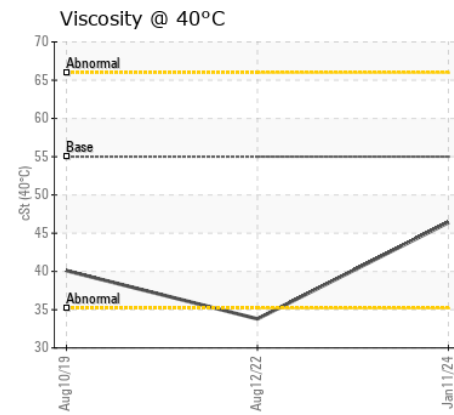
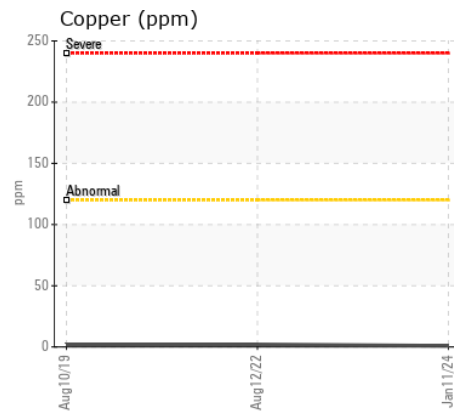
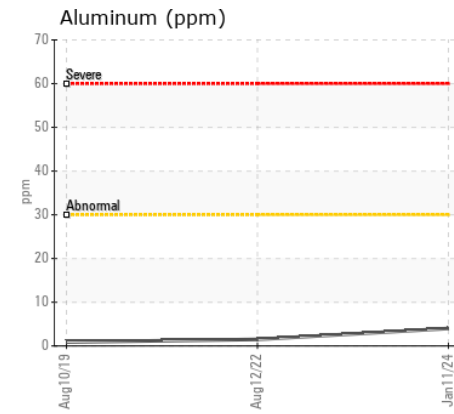
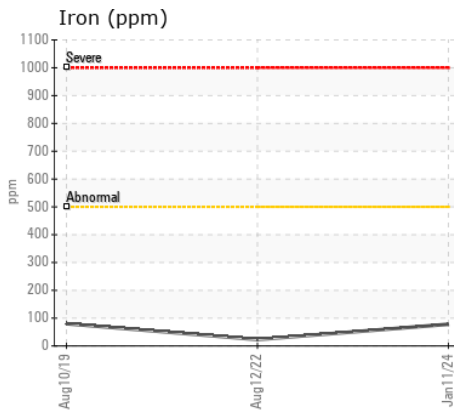
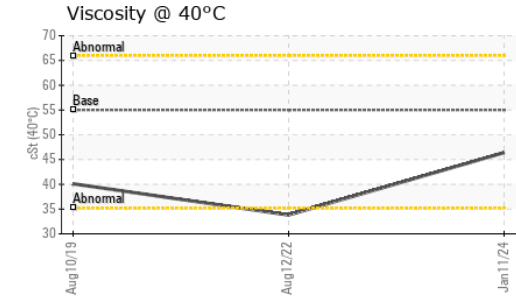
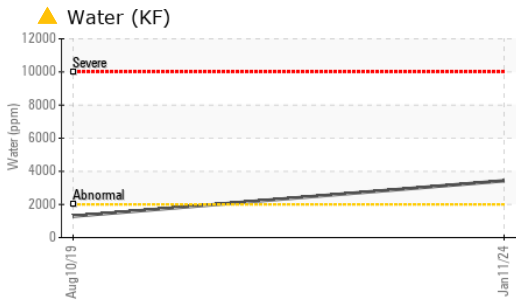
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP432221	VCP354542	VCP254425
Sample Date		Client Info		11 Jan 2024	12 Aug 2022	10 Aug 2019
Machine Age	hrs	Client Info		10492	8194	3101
Oil Age	hrs	Client Info		0	0	1001
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>500	78	23	80
Chromium	ppm	ASTM D5185m	>20	1	0	1
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>30	4	2	<1
Lead	ppm	ASTM D5185m	>50	0	<1	1
Copper	ppm	ASTM D5185m	>120	1	2	2
Tin	ppm	ASTM D5185m	>20	0	<1	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	>50	41	7	11
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water	%	ASTM D6304	>0.2	▲ 0.343	---	0.129
ppm Water	ppm	ASTM D6304	>2000	▲ 3430	---	1290
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	>0.2	0.2%	NEG	0.2%

Sodium	ppm	ASTM D5185m		<1	5	7
Boron	ppm	ASTM D5185m		223	127	114
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		48	5	3
Manganese	ppm	ASTM D5185m		2	<1	3
Magnesium	ppm	ASTM D5185m		120	21	15
Calcium	ppm	ASTM D5185m		5955	2877	3904
Phosphorus	ppm	ASTM D5185m		1250	1190	1181
Zinc	ppm	ASTM D5185m		1869	1369	1523
Sulfur	ppm	ASTM D5185m		3657	3524	4083
Visc @ 40°C	cSt	ASTM D445	55	46.4	33.8	40.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP432221 **Received** : 16 Jan 2024
Lab Number : 06061524 **Diagnosed** : 18 Jan 2024
Unique Number : 10832906 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: KF)

RECYCLE AMERICA
 12100 YOUNG PINE RD
 ORLANDO, FL
 US 32829
 Contact: SERVICE MANAGER

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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F: