



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[646642 STONE CO]
Machine Id
VOLVO L350H 1149
Component
Transmission (Manual)
Fluid
VOLVO SUPER TRANSMISSION OIL SAE 30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP452292	VCP424551	VCP408797
Sample Date		Client Info		19 Dec 2023	09 Aug 2023	09 May 2023
Machine Age	hrs	Client Info		4837	3904	3614
Oil Age	hrs	Client Info		1000	1000	847
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	48	19	14
Chromium	ppm	ASTM D5185m	>5	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>7	0	<1	0
Aluminum	ppm	ASTM D5185m	>25	2	0	<1
Lead	ppm	ASTM D5185m	>45	0	0	2
Copper	ppm	ASTM D5185m	>225	110	30	24
Tin	ppm	ASTM D5185m	>10	1	0	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	▲ HEAVY
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	▲ HEAVY

CONTAMINATION

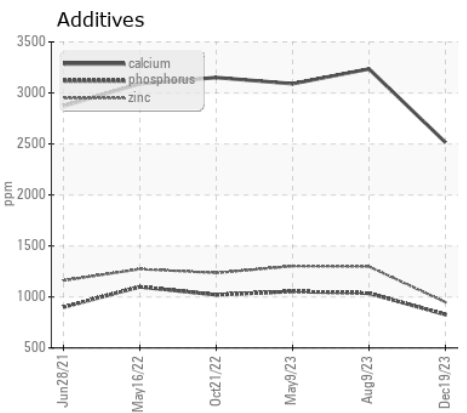
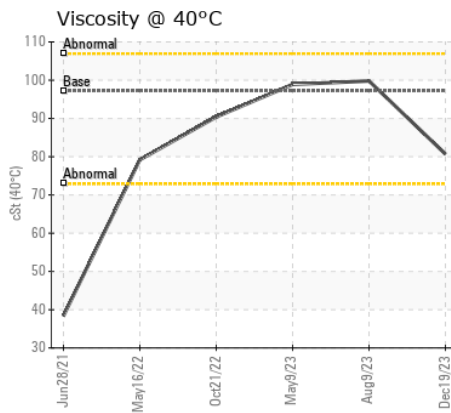
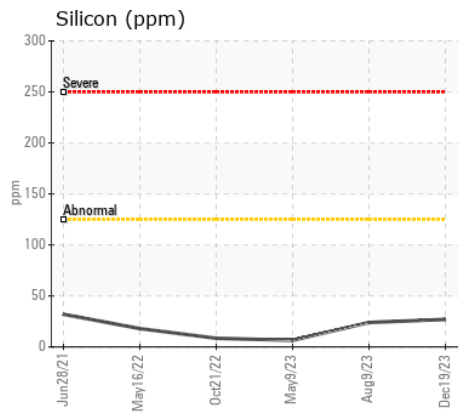
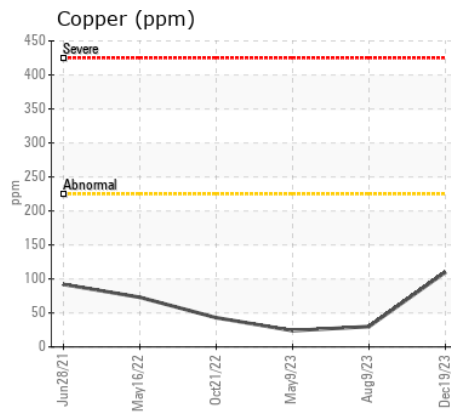
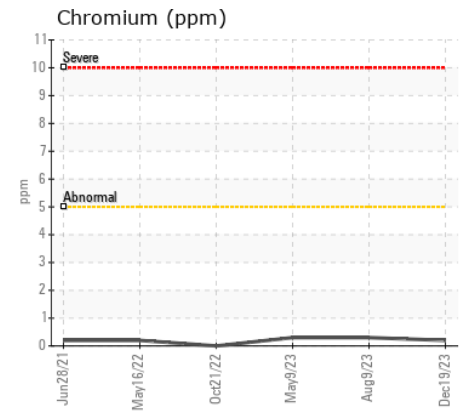
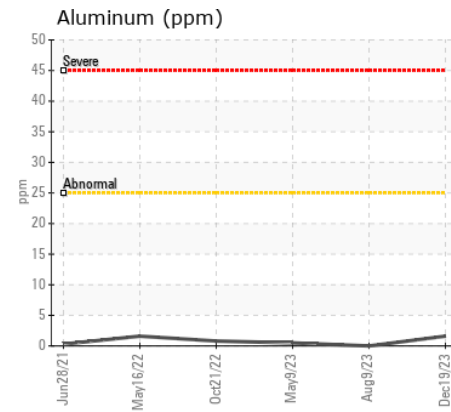
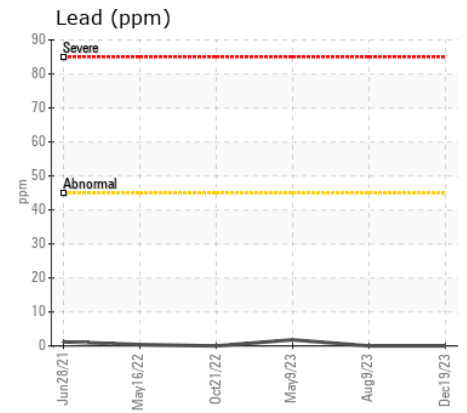
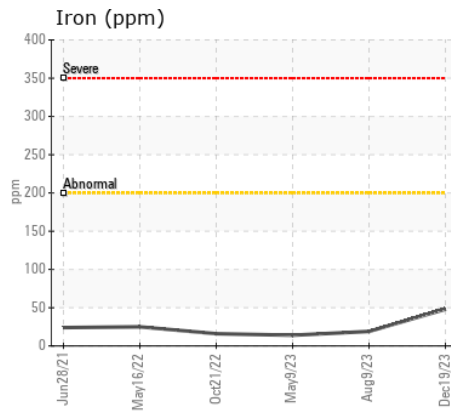
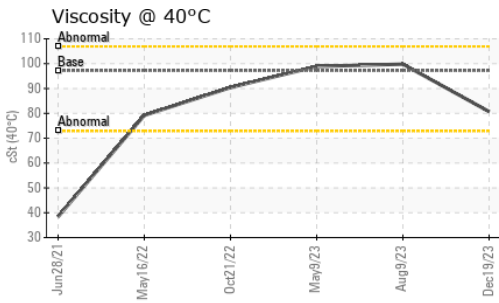
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	27	24	6
Potassium	ppm	ASTM D5185m	>20	1	0	0
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	0	2
Boron	ppm	ASTM D5185m	1.9	0	0	0
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0.0	0	0	<1
Manganese	ppm	ASTM D5185m	0.0	0	0	<1
Magnesium	ppm	ASTM D5185m	67	7	8	10
Calcium	ppm	ASTM D5185m	2943	2515	3235	3090
Phosphorus	ppm	ASTM D5185m	1122	828	1036	1054
Zinc	ppm	ASTM D5185m	1358	949	1298	1302
Sulfur	ppm	ASTM D5185m	7684	8363	8142	8003
Visc @ 40°C	cSt	ASTM D445	97.2	80.7	99.8	98.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP452292 **Received** : 10 Jan 2024
Lab Number : 06057066 **Diagnosed** : 11 Jan 2024
Unique Number : 10823015 **Diagnostician** : Wes Davis
Test Package : MOB 1

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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)