



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
TMR-Tampa Berth
Machine Id
472146 VOLVO L260H 1195
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (11 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP449050	DJJ0017039	DJJ0017036
Sample Date		Client Info		24 Jan 2024	10 Apr 2023	07 Jan 2023
Machine Age	hrs	Client Info		10230	8866	8304
Oil Age	hrs	Client Info		0	500	1000
Filter Age	hrs	Client Info		0	500	1000
Oil Changed		Client Info		N/A	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	3	14	40
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	0	0	<1
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>225	0	<1	2
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

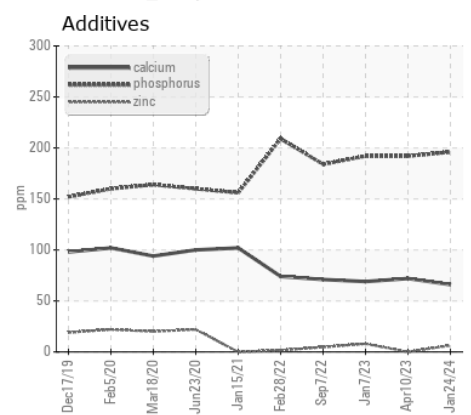
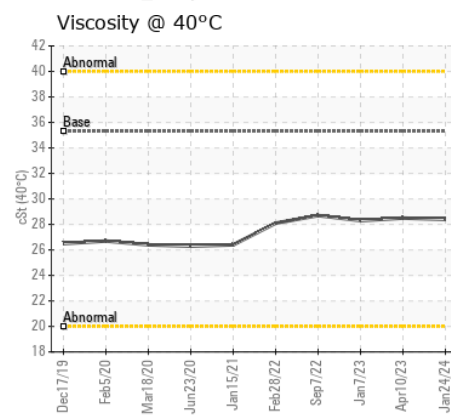
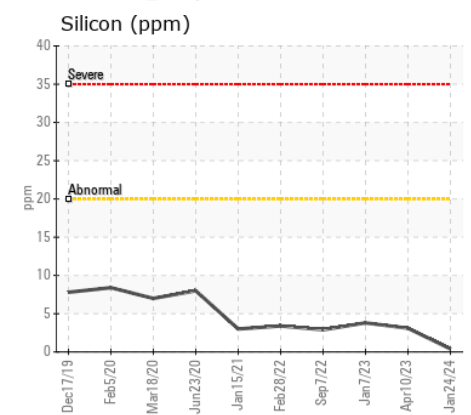
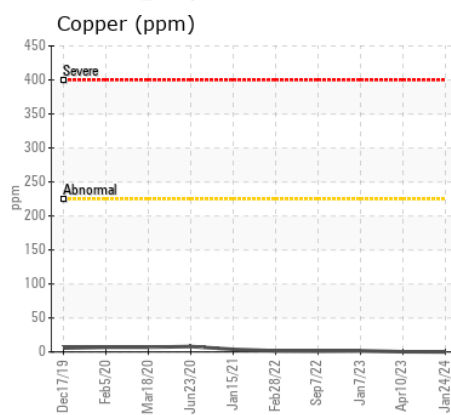
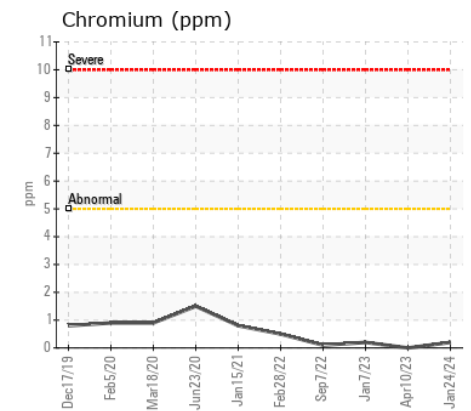
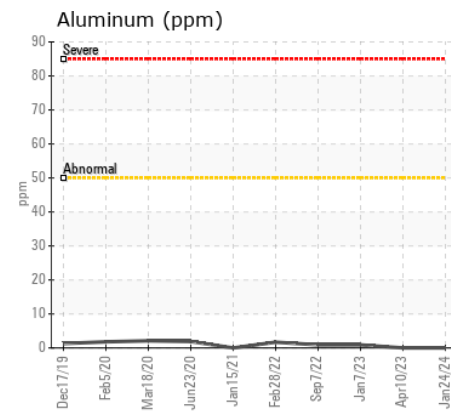
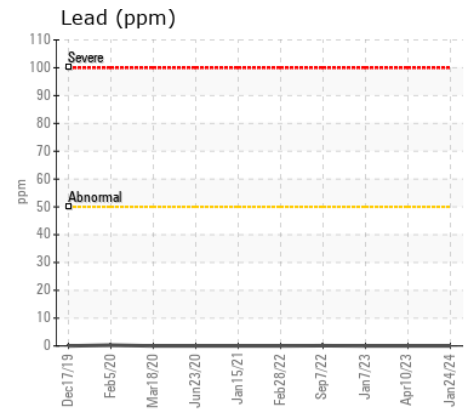
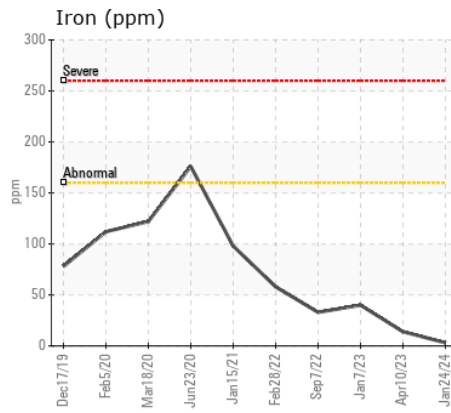
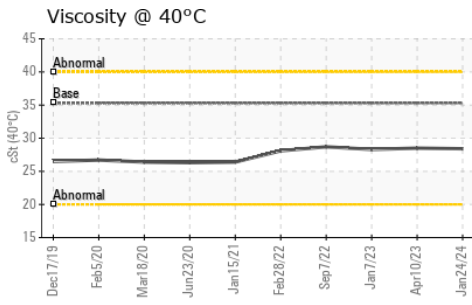
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<1	3	4
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	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		<1	<1	0
Boron	ppm	ASTM D5185m	187	95	93	96
Barium	ppm	ASTM D5185m	0.0	<1	0	1
Molybdenum	ppm	ASTM D5185m	0.0	0	<1	<1
Manganese	ppm	ASTM D5185m	0.0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	6.8	0	4	2
Calcium	ppm	ASTM D5185m	215	66	72	69
Phosphorus	ppm	ASTM D5185m	445	196	192	192
Zinc	ppm	ASTM D5185m	56	6	0	8
Sulfur	ppm	ASTM D5185m	1336	1813	1903	1855
Visc @ 40°C	cSt	ASTM D445	35.3	28.4	28.5	28.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP449050
Lab Number : 06084008
Unique Number : 10871453
Test Package : MOB 1

Received : 08 Feb 2024
Tested : 09 Feb 2024
Diagnosed : 11 Feb 2024 - Don Baldrige

TRADEMARK METALS RECYCLING - TAMPA BERTH
 3310 PORT SUTTON RD
 TAMPA, FL
 US 33619
 Contact: RYAN BOWDEN

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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