



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
TMR-Tampa Berth [702608]
 Machine Id
472146 VOLVO L260H 1195
 Component
Rear Axle
 Fluid
VOLVO WB 102 (13 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP445515	DJJ0017037	DJJ0017035
Sample Date		Client Info		23 Apr 2024	10 Apr 2023	07 Jan 2023
Machine Age	hrs	Client Info		10740	8866	8304
Oil Age	hrs	Client Info		1000	500	1000
Filter Age	hrs	Client Info		0	500	1000
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	10	10	11
Chromium	ppm	ASTM D5185m	>10	<1	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	1	0	2
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	2	1	5
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

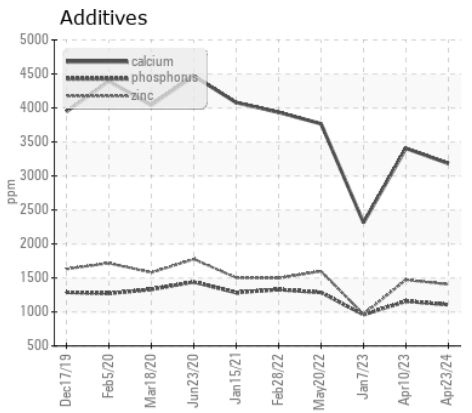
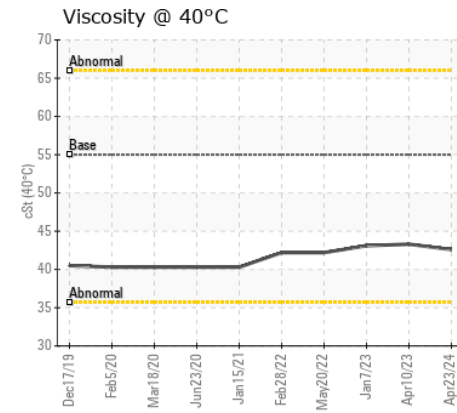
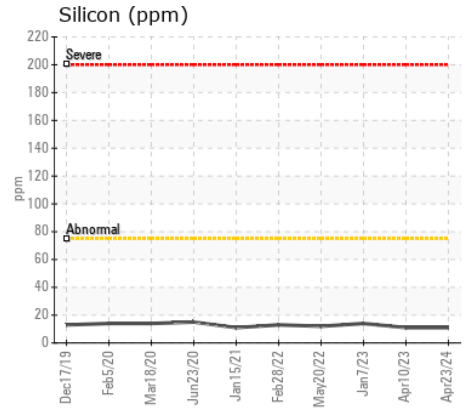
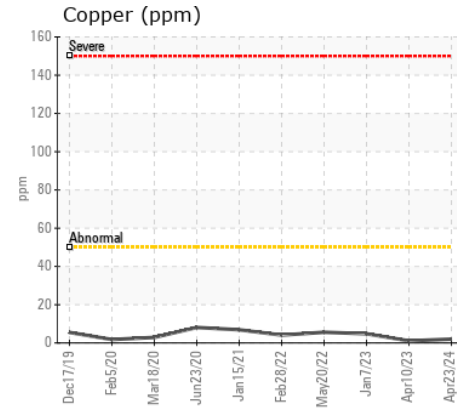
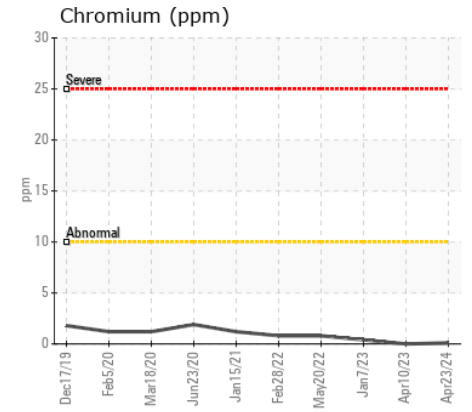
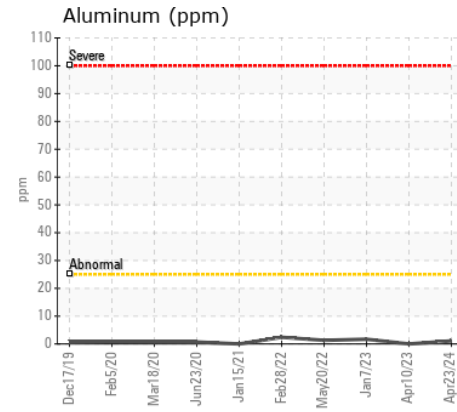
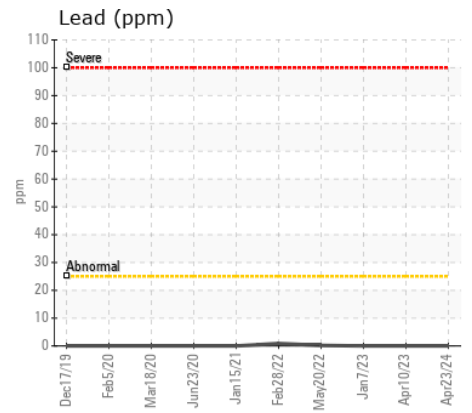
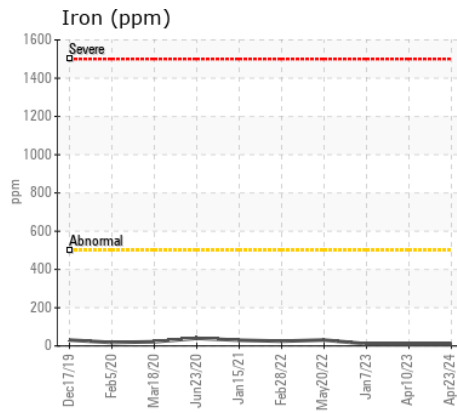
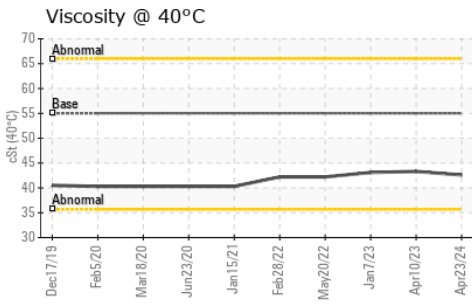
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	11	11	14
Potassium	ppm	ASTM D5185m	>20	1	0	2
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	<1	3
Boron	ppm	ASTM D5185m		94	33	124
Barium	ppm	ASTM D5185m		0	0	1
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		21	13	12
Calcium	ppm	ASTM D5185m		3182	3406	2313
Phosphorus	ppm	ASTM D5185m		1107	1158	958
Zinc	ppm	ASTM D5185m		1405	1472	965
Sulfur	ppm	ASTM D5185m		4445	4704	4871
Visc @ 40°C	cSt	ASTM D445	55	42.6	43.3	43.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : VCP445515
 Lab Number : 06195777
 Unique Number : 11057900
 Test Package : MOB 1

Received : 30 May 2024
 Tested : 31 May 2024
 Diagnosed : 31 May 2024 - Wes Davis

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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