



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	MARGINAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO L90 64803
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a light concentration of water present in the fluid.

FLUID CONDITION

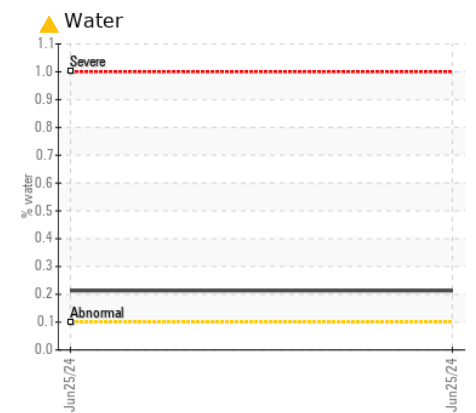
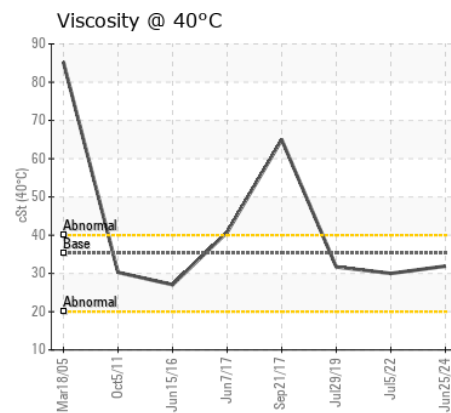
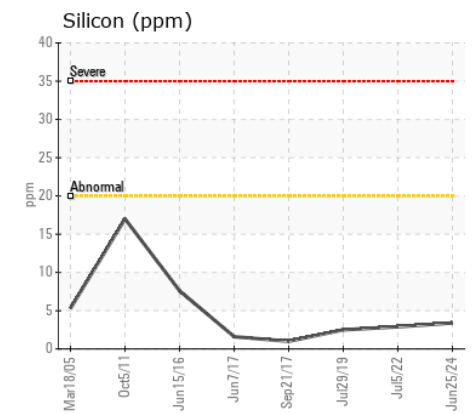
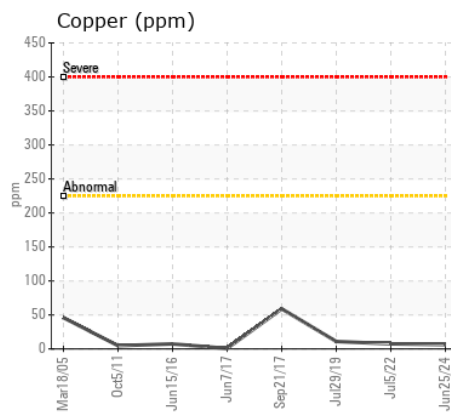
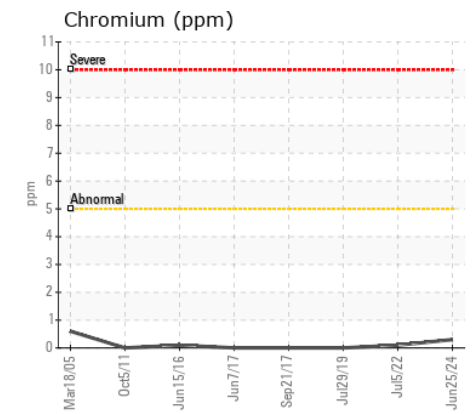
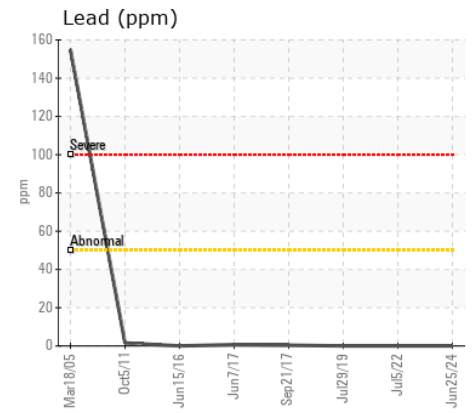
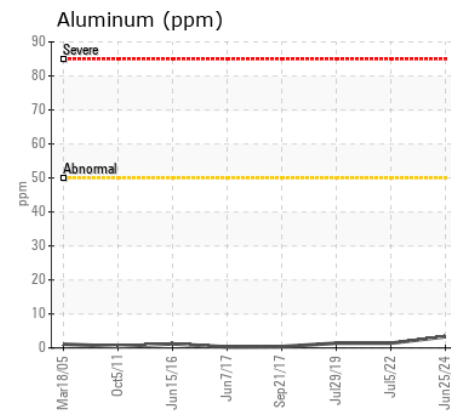
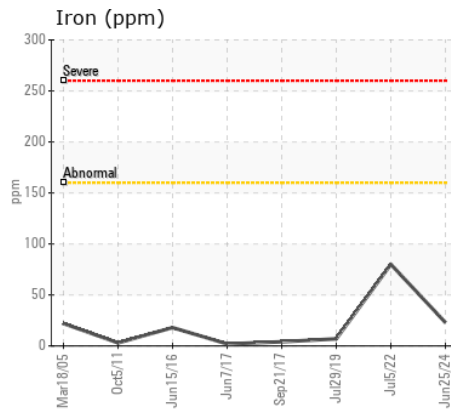
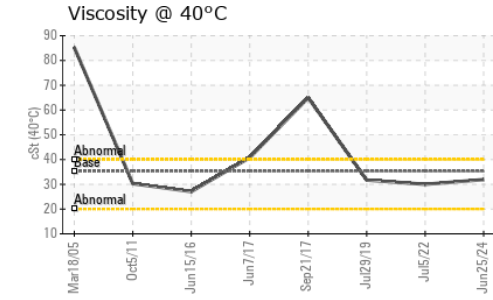
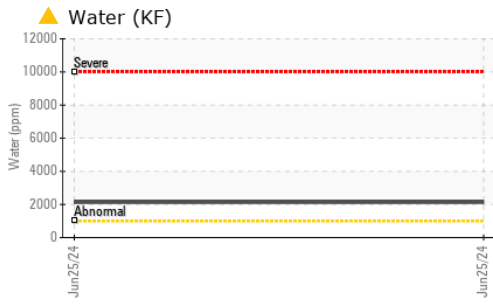
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP454951	VCP354018	VCP255090
Sample Date		Client Info		25 Jun 2024	05 Jul 2022	29 Jul 2019
Machine Age	hrs	Client Info		25380	25046	24036
Oil Age	hrs	Client Info		0	500	2000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	Changed
Sample Status				MARGINAL	ABNORMAL	NORMAL

Iron	ppm	ASTM D5185m	>160	23	80	7
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	3	1	1
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>225	6	8	11
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	3	3	2
Potassium	ppm	ASTM D5185m	>20	4	<1	<1
Water	%	ASTM D6304	>0.1	▲ 0.213	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 2130	---	---
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	0.2%	NEG	NEG

Sodium	ppm	ASTM D5185m		6	<1	3
Boron	ppm	ASTM D5185m	187	54	40	34
Barium	ppm	ASTM D5185m	0.0	<1	2	0
Molybdenum	ppm	ASTM D5185m	0.0	1	2	1
Manganese	ppm	ASTM D5185m	0.0	<1	1	1
Magnesium	ppm	ASTM D5185m	6.8	4	7	10
Calcium	ppm	ASTM D5185m	215	72	96	115
Phosphorus	ppm	ASTM D5185m	445	168	141	178
Zinc	ppm	ASTM D5185m	56	98	61	96
Sulfur	ppm	ASTM D5185m	1336	1582	763	1284
Visc @ 40°C	cSt	ASTM D445	35.3	31.9	30.0	31.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP454951 **Received** : 01 Jul 2024
Lab Number : 06224914 **Tested** : 02 Jul 2024
Unique Number : 11103111 **Diagnosed** : 02 Jul 2024 - Don Baldridge
Test Package : MOB 1 (Additional Tests: KF)

REPUBLIC SERVICES OF TAMPA
 2702 E 2ND AVENUE
 TAMPA, FL
 US 33605-5501
 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)

T: (813)248-6435

F: