



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Area
[SW0071894]
Machine Id
VOLVO A30G 753219
Component
Drop Box
Fluid
COWIN 80W90 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

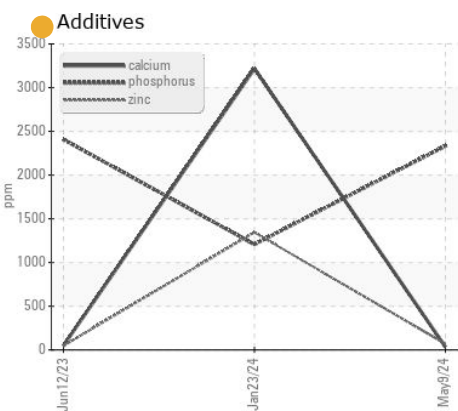
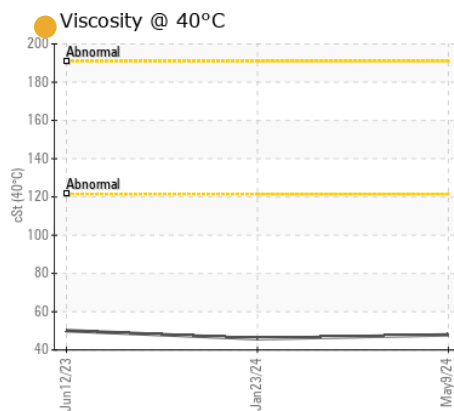
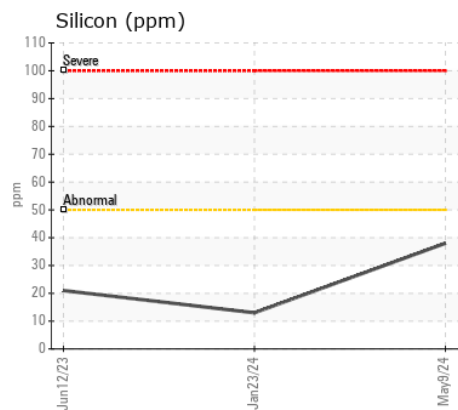
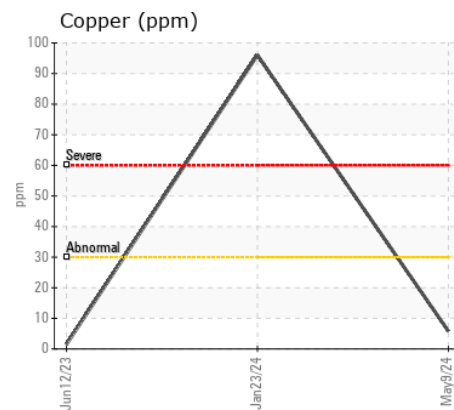
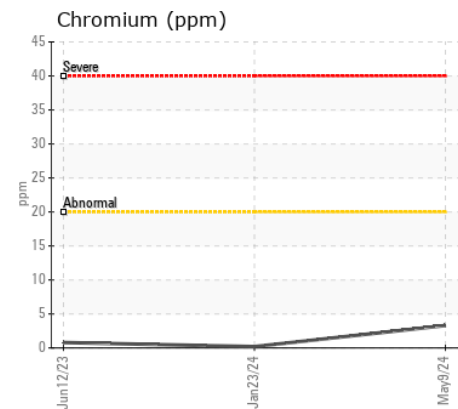
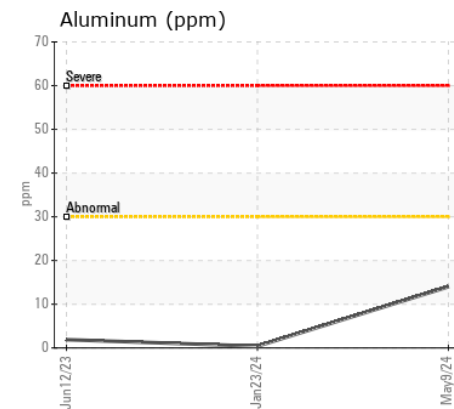
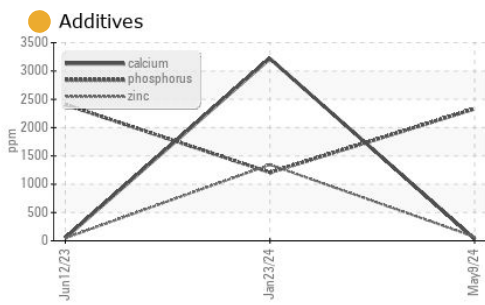
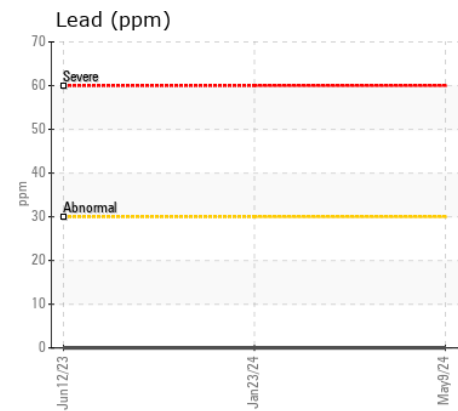
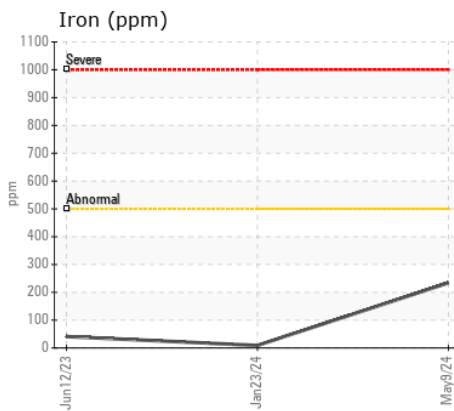
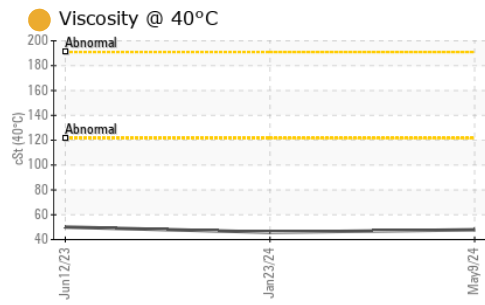
The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP434677	VCP427193	VCP423671
Sample Date		Client Info		09 May 2024	23 Jan 2024	12 Jun 2023
Machine Age	hrs	Client Info		2028	1500	500
Oil Age	hrs	Client Info		0	1500	500
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				ATTENTION	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>500	234	9	41
Chromium	ppm	ASTM D5185m	>20	3	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	14	<1	2
Lead	ppm	ASTM D5185m	>30	0	0	0
Copper	ppm	ASTM D5185m	>30	6	▲ 96	2
Tin	ppm	ASTM D5185m	>20	<1	<1	<1
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	38	13	21
Potassium	ppm	ASTM D5185m	>20	1	2	3
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	▲ MODER
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

Sodium	ppm	ASTM D5185m		7	3	7
Boron	ppm	ASTM D5185m		101	103	212
Barium	ppm	ASTM D5185m		0	3	0
Molybdenum	ppm	ASTM D5185m		7	0	5
Manganese	ppm	ASTM D5185m		6	1	1
Magnesium	ppm	ASTM D5185m		0	10	2
Calcium	ppm	ASTM D5185m		● 35	● 3218	49
Phosphorus	ppm	ASTM D5185m		● 2333	● 1207	2407
Zinc	ppm	ASTM D5185m		● 70	● 1344	48
Sulfur	ppm	ASTM D5185m		● 30677	● 3556	31332
Visc @ 40°C	cSt	ASTM D445		● 47.9	● 45.9	50.1



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP434677 **Received** : 13 May 2024
Lab Number : 06177522 **Tested** : 14 May 2024
Unique Number : 11023575 **Diagnosed** : 15 May 2024 - Don Baldrige
Test Package : MOB 1

SANTA ROSA COUNTY LANDFILLS
 6337 DA LISA RD
 MILTON, FL
 US 32583
 Contact: ROLAND MCKINNON
 rolandm@santarosa.fl.gov
 T: (850)777-0573
 F:

Certificate L2367
 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)