



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[G08814]

Machine Id

VOLVO EC300 316568

Component

Gearbox

Fluid

GEAR OIL ISO 150 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

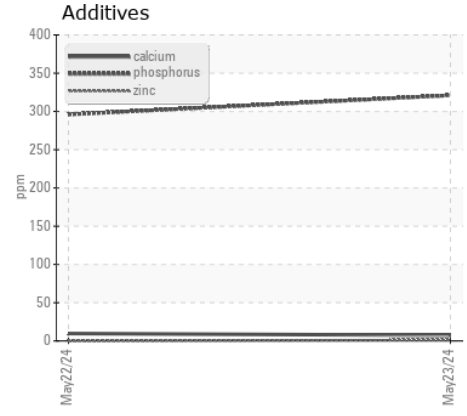
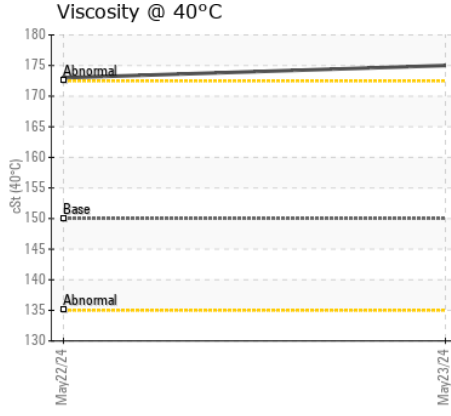
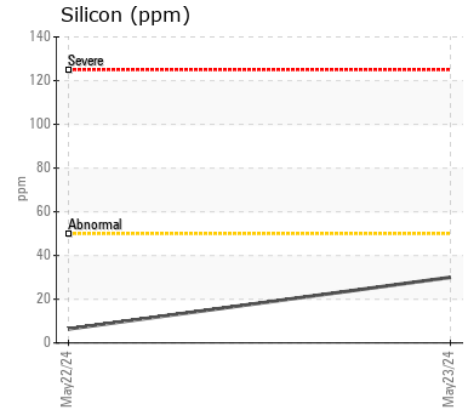
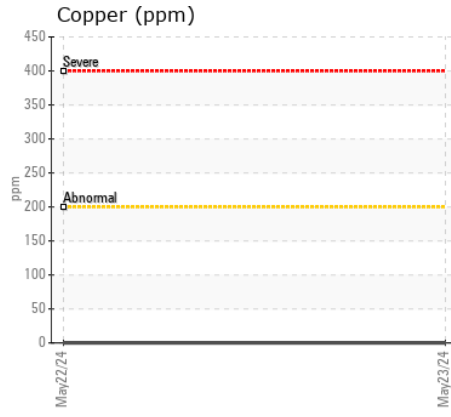
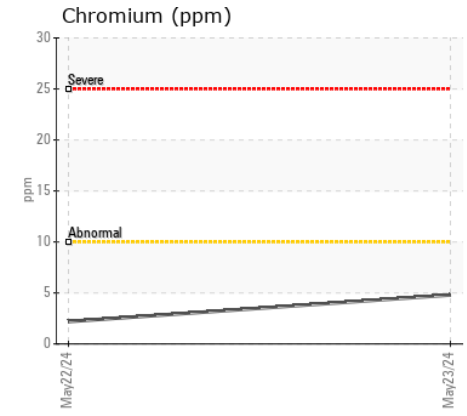
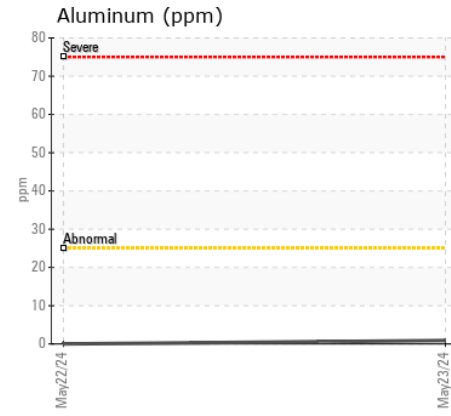
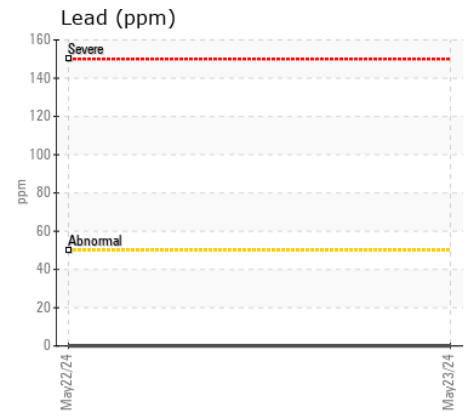
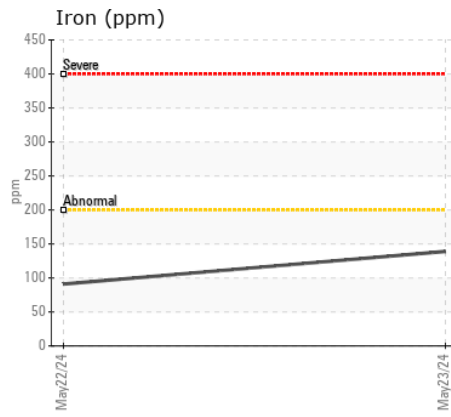
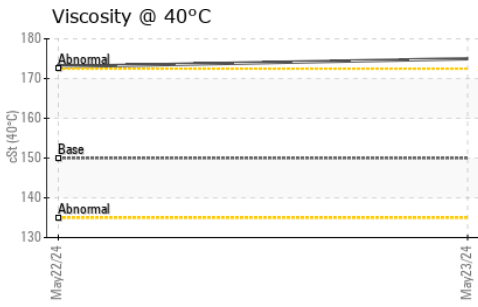
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP453533	VCP453655	---
Sample Date		Client Info		23 May 2024	22 May 2024	---
Machine Age	hrs	Client Info		296	296	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185m	>200	139	91	---
Chromium	ppm	ASTM D5185m	>10	5	2	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	<1	0	---
Lead	ppm	ASTM D5185m	>50	0	0	---
Copper	ppm	ASTM D5185m	>200	0	0	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>50	30	6	---
Potassium	ppm	ASTM D5185m	>20	3	1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		2	2	---
Boron	ppm	ASTM D5185m	50	0	0	---
Barium	ppm	ASTM D5185m	15	3	4	---
Molybdenum	ppm	ASTM D5185m	15	0	0	---
Manganese	ppm	ASTM D5185m		4	3	---
Magnesium	ppm	ASTM D5185m	50	1	2	---
Calcium	ppm	ASTM D5185m	50	7	10	---
Phosphorus	ppm	ASTM D5185m	350	321	296	---
Zinc	ppm	ASTM D5185m	100	1	0	---
Sulfur	ppm	ASTM D5185m	12500	17580	16713	---
Visc @ 40°C	cSt	ASTM D445	150	175	173	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP453533
Lab Number : 06194422
Unique Number : 11056545
Test Package : MOB 1

Received : 29 May 2024
Tested : 31 May 2024
Diagnosed : 31 May 2024 - Don Baldrige

WHIBCO INC
 377 PORT CUMBERLAND ROAD DRAWER E
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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)