



# VOLVO PENTA

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**CROSSMAN**  
Machine Id  
**VOLVO PENTA 3200000538**  
Component  
**Port IPS**  
Fluid  
**VOLVO PENTA GL-5 SAE 75W90 (--- GAL)**

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

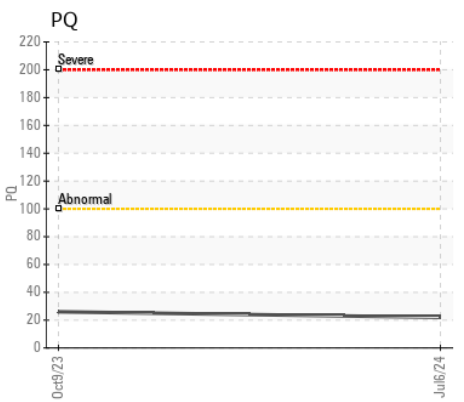
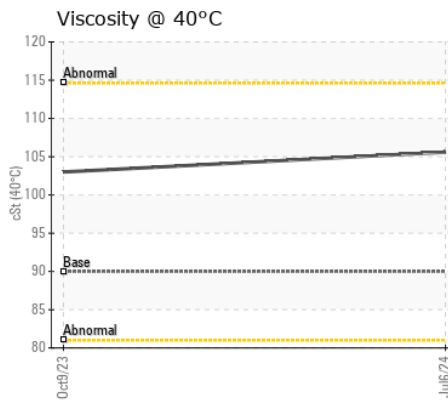
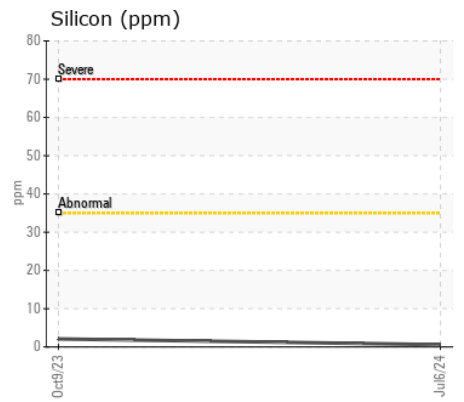
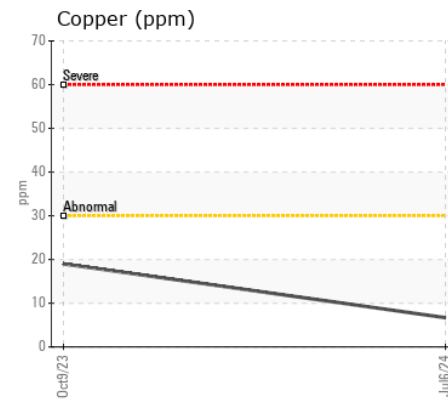
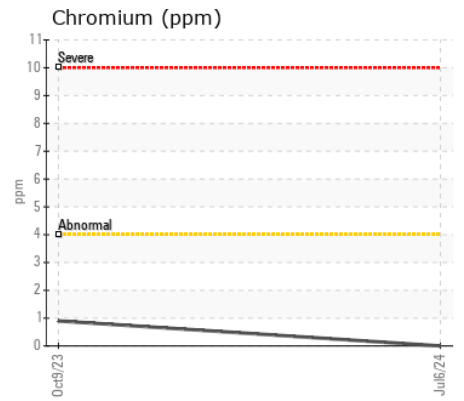
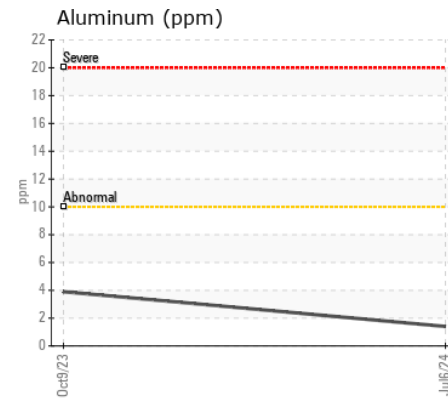
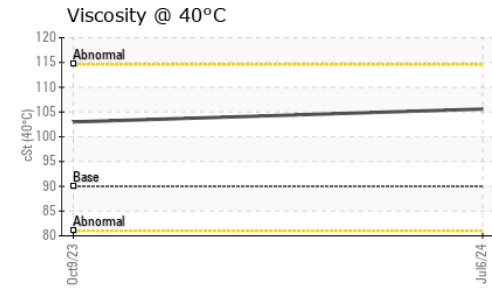
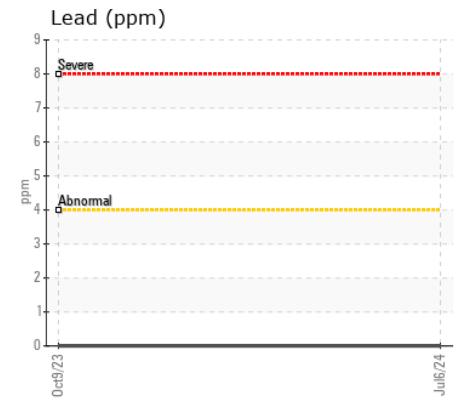
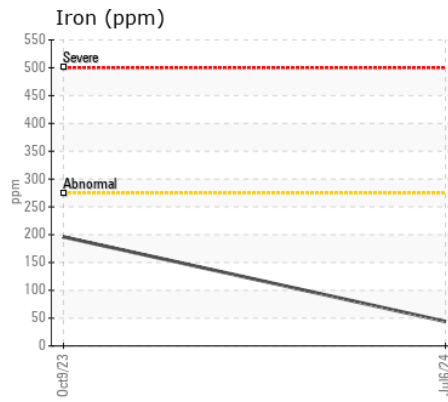
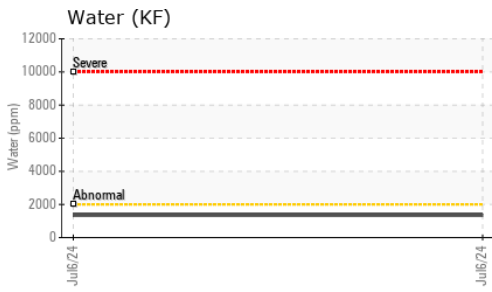
### CONTAMINATION

Fuel content negligible. There is a trace of moisture present 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		VPA058551	VPA049850	---
Sample Date		Client Info		06 Jul 2024	09 Oct 2023	---
Machine Age	hrs	Client Info		0	326	---
Oil Age	hrs	Client Info		30	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184		22	26	---
Iron	ppm	ASTM D5185m	>275	44	196	---
Chromium	ppm	ASTM D5185m	>4	0	<1	---
Nickel	ppm	ASTM D5185m	>4	1	3	---
Titanium	ppm	ASTM D5185m	>3	0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>10	1	4	---
Lead	ppm	ASTM D5185m	>4	0	0	---
Copper	ppm	ASTM D5185m	>30	7	19	---
Tin	ppm	ASTM D5185m	>3	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	>35	<1	2	---
Potassium	ppm	ASTM D5185m	>20	3	0	---
Water	%	ASTM D6304	>0.2	0.135	---	---
ppm Water	ppm	ASTM D6304	>2000	1350	---	---
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	0.2%	NEG	---
Sodium	ppm	ASTM D5185m		5	10	---
Boron	ppm	ASTM D5185m		258	274	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		<1	5	---
Magnesium	ppm	ASTM D5185m		61	34	---
Calcium	ppm	ASTM D5185m		7	14	---
Phosphorus	ppm	ASTM D5185m		1487	1373	---
Zinc	ppm	ASTM D5185m		12	23	---
Sulfur	ppm	ASTM D5185m		28737	22491	---
Visc @ 40°C	cSt	ASTM D445	90.0	105.6	103	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VPA058551 **Received** : 08 Jul 2024  
**Lab Number** : 06230719 **Tested** : 08 Jul 2024  
**Unique Number** : 11114212 **Diagnosed** : 08 Jul 2024 - Doug Bogart  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

**Outstanding Marine**  
 PO Box 274  
 GALENA, MD  
 US 21635  
 Contact: Ronda Bolinger  
 rlwb@verizon.net

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:  
F: