



# VOLVO PENTA

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

[RAY]  
Machine Id

VOLVO PENTA 3200003535

Component

Port IPS

Fluid

GEAR OIL 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

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

### FLUID CONDITION

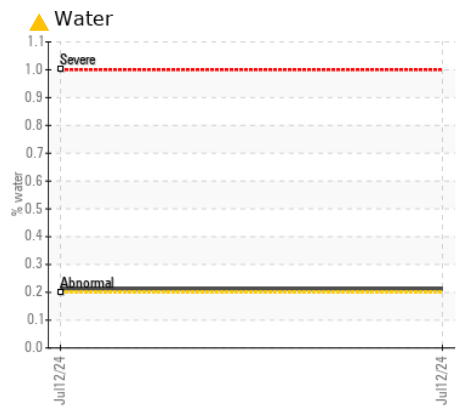
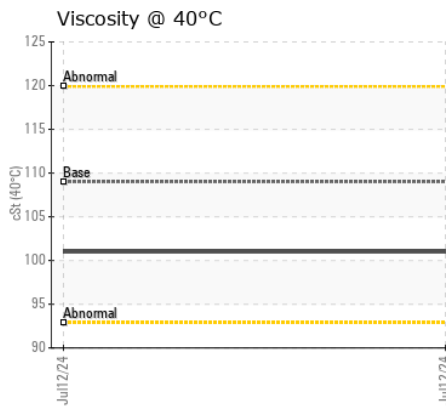
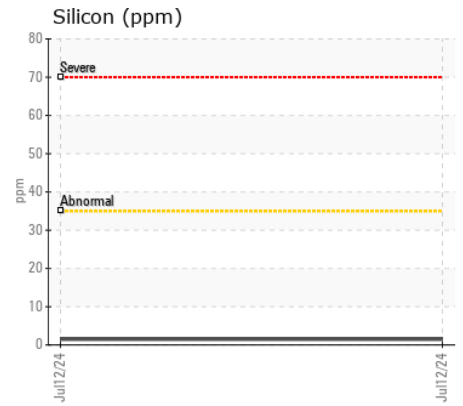
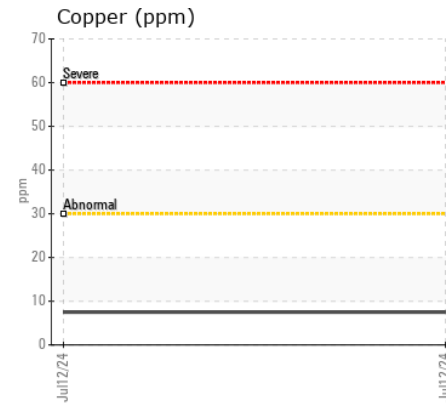
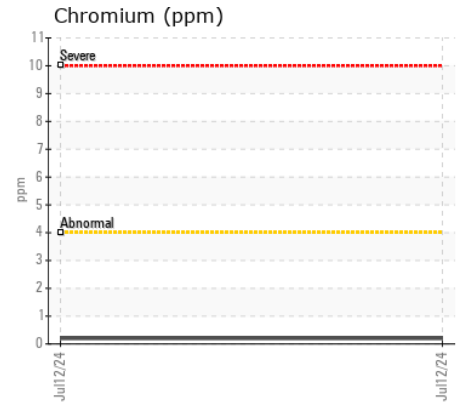
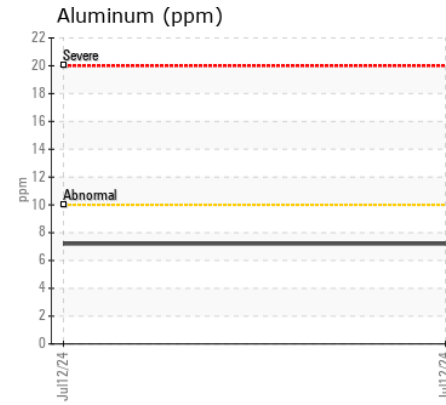
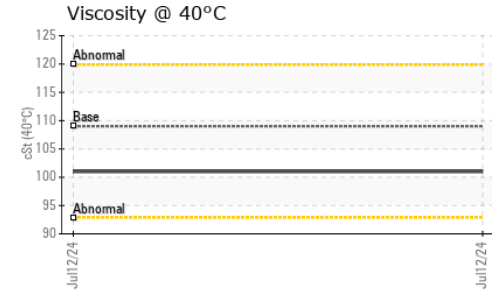
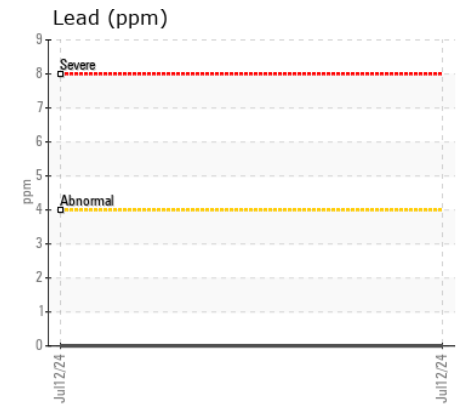
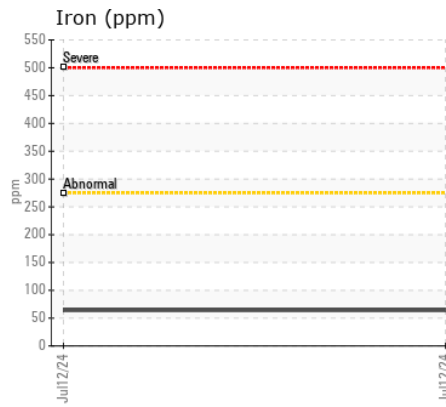
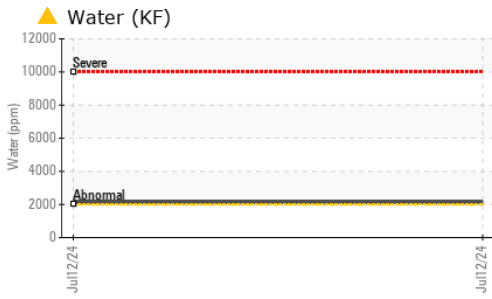
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA062846	---	---
Sample Date		Client Info		12 Jul 2024	---	---
Machine Age	hrs	Client Info		610	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

PQ		ASTM D8184		22	---	---
Iron	ppm	ASTM D5185m	>275	64	---	---
Chromium	ppm	ASTM D5185m	>4	<1	---	---
Nickel	ppm	ASTM D5185m	>4	<1	---	---
Titanium	ppm	ASTM D5185m	>3	0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>10	7	---	---
Lead	ppm	ASTM D5185m	>4	0	---	---
Copper	ppm	ASTM D5185m	>30	8	---	---
Tin	ppm	ASTM D5185m	>3	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

Silicon	ppm	ASTM D5185m	>35	2	---	---
Potassium	ppm	ASTM D5185m	>20	1	---	---
Water	%	ASTM D6304	>0.2	▲ 0.212	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 2120	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	▲ 0.2%	---	---

Sodium	ppm	ASTM D5185m		12	---	---
Boron	ppm	ASTM D5185m	400	283	---	---
Barium	ppm	ASTM D5185m	200	13	---	---
Molybdenum	ppm	ASTM D5185m	12	<1	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m	12	6	---	---
Calcium	ppm	ASTM D5185m	150	5	---	---
Phosphorus	ppm	ASTM D5185m	1650	1409	---	---
Zinc	ppm	ASTM D5185m	125	11	---	---
Sulfur	ppm	ASTM D5185m	22500	27410	---	---
Visc @ 40°C	cSt	ASTM D445	109	101	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VPA062846 **Received** : 17 Jul 2024  
**Lab Number** : 06239650 **Tested** : 18 Jul 2024  
**Unique Number** : 11128484 **Diagnosed** : 19 Jul 2024 - Sean Felton  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

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)

**SUNCOAST DIESEL MARINE**  
 6341 PORTER ROAD, SUITE 6  
 SARASOTA, FL  
 US 34240  
 Contact: JOSHUA  
 joshua@suncoastdmi.com  
 T: (941)342-0033  
 F: (941)342-0088