



# VOLVO PENTA

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**3194005829**  
 Component  
**Port IPS**  
 Fluid  
 {not provided} (--- GAL)

### RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

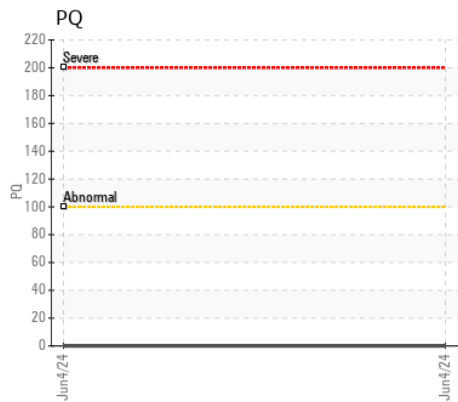
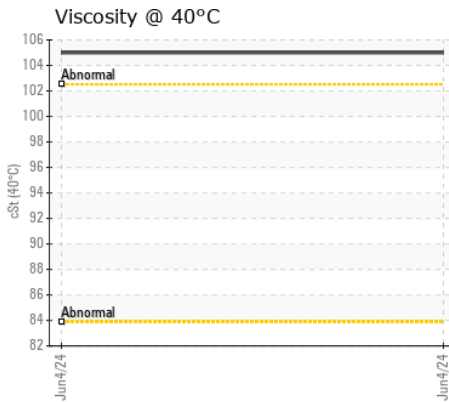
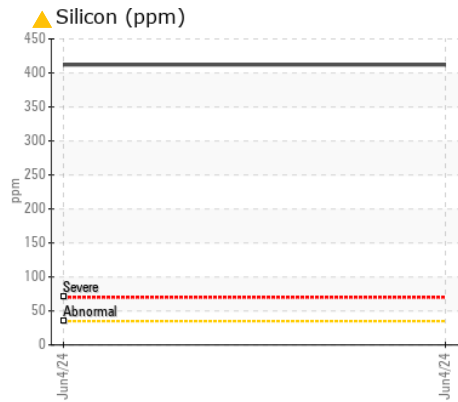
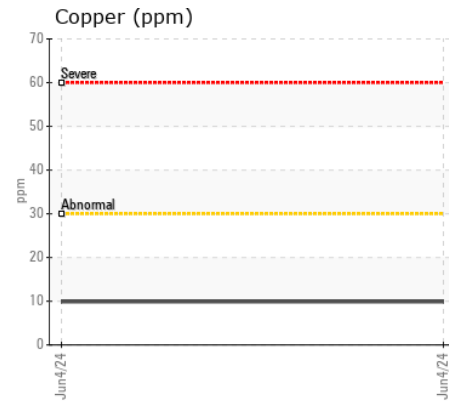
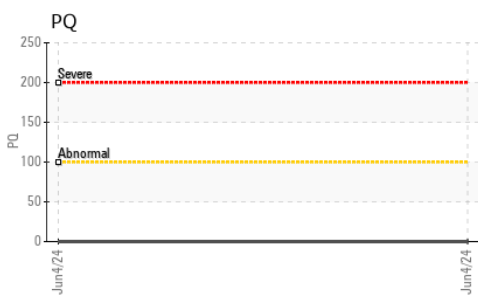
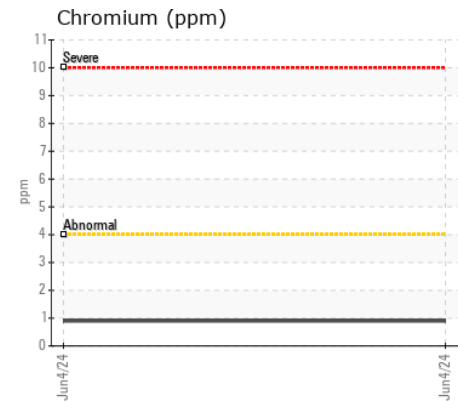
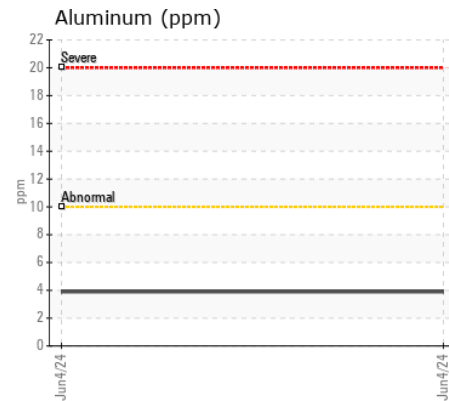
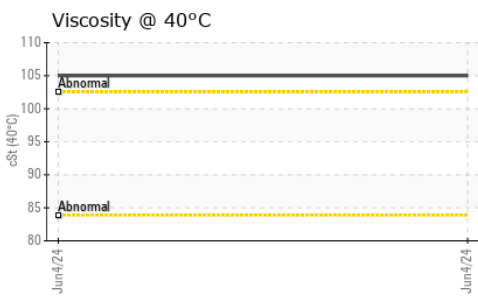
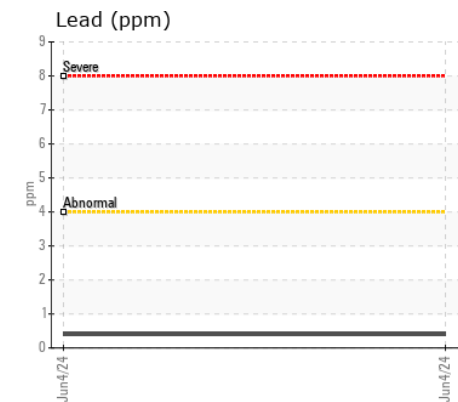
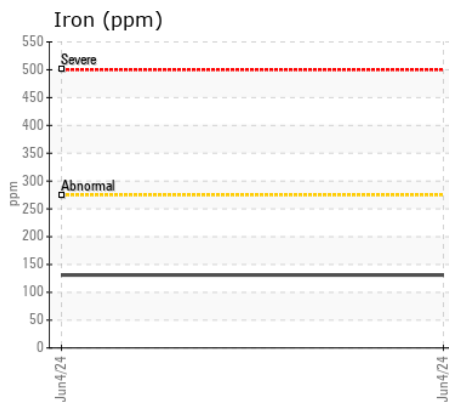
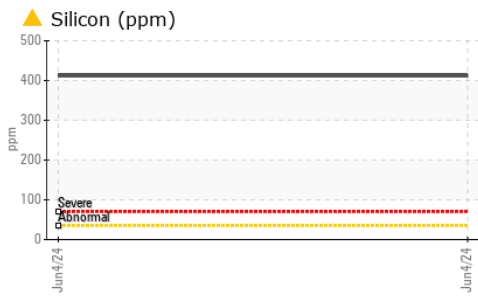
### CONTAMINATION

There is a moderate concentration of dirt present in the oil.

### FLUID CONDITION

Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA031374	---	---
Sample Date		Client Info		04 Jun 2024	---	---
Machine Age	hrs	Client Info		935	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184*		0	---	---
Iron	ppm	ASTM D5185(m)	>275	131	---	---
Chromium	ppm	ASTM D5185(m)	>4	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	1	---	---
Titanium	ppm	ASTM D5185(m)	>3	0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	4	---	---
Lead	ppm	ASTM D5185(m)	>4	<1	---	---
Copper	ppm	ASTM D5185(m)	>30	10	---	---
Tin	ppm	ASTM D5185(m)	>3	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>35	▲ 412	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Water		WC Method	>0.2	NEG	---	---
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	NEG	---	---
Sodium	ppm	ASTM D5185(m)		1	---	---
Boron	ppm	ASTM D5185(m)		260	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)		4	---	---
Calcium	ppm	ASTM D5185(m)		9	---	---
Phosphorus	ppm	ASTM D5185(m)		1333	---	---
Zinc	ppm	ASTM D5185(m)		26	---	---
Sulfur	ppm	ASTM D5185(m)		21591	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		105	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VPA031374  
**Lab Number** : 02640610  
**Unique Number** : 5789772  
**Test Package** : MOB 1 ( Additional Tests: PQ )

**GBCS - GEORGIAN BAY SERVICES**  
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 PENETANGUISHENE, ON  
 CA L9M 1G9  
 Contact: James Barrow  
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 T: (705)528-9007  
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.