



VOLVO PENTA

OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Area

GENE DORN [GREG E.]

Machine Id

VOLVO PENTA 3200003534

Component

Port IPS

Fluid

GEAR OIL SAE 75W90 (4 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

Gear wear is indicated.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

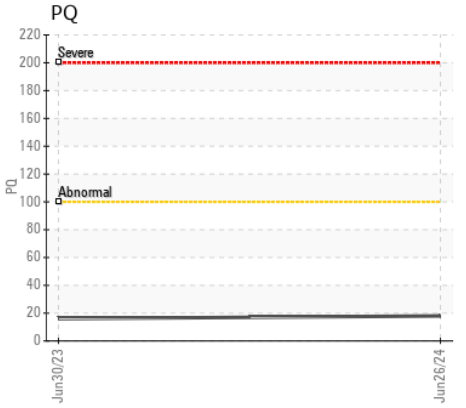
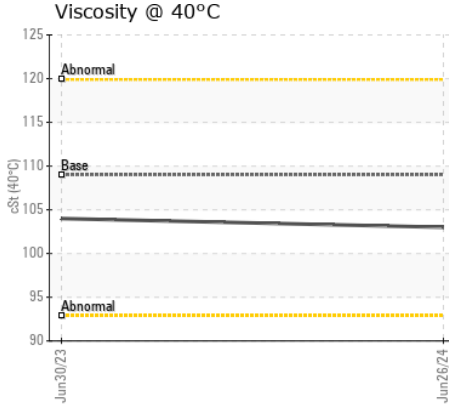
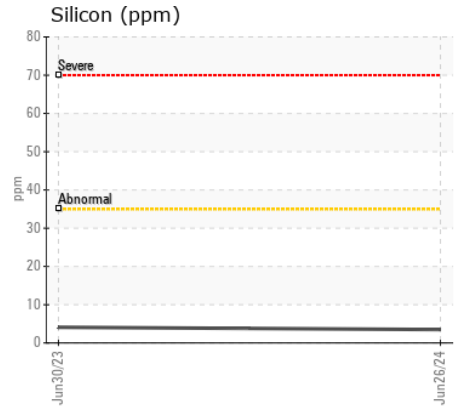
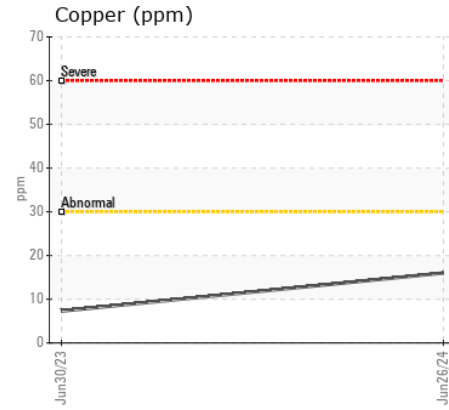
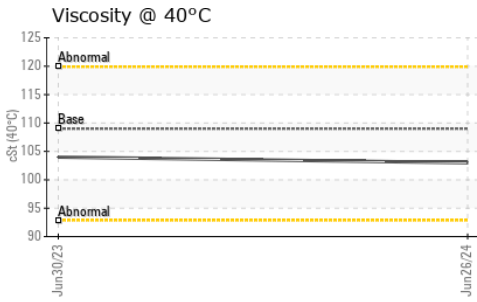
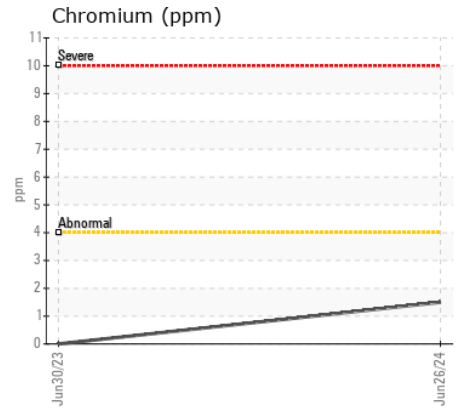
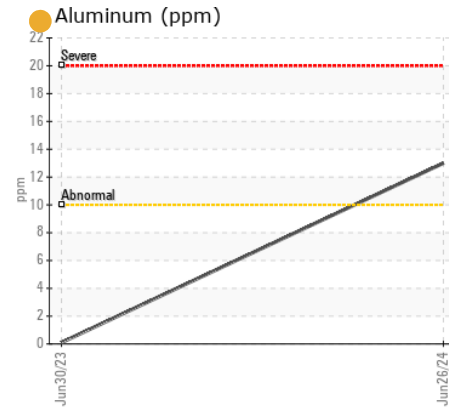
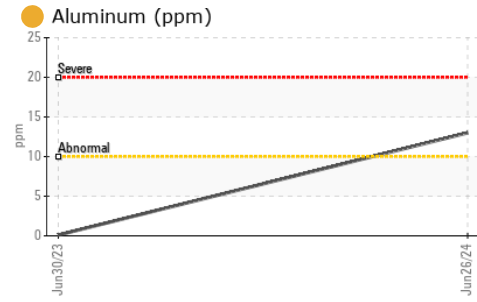
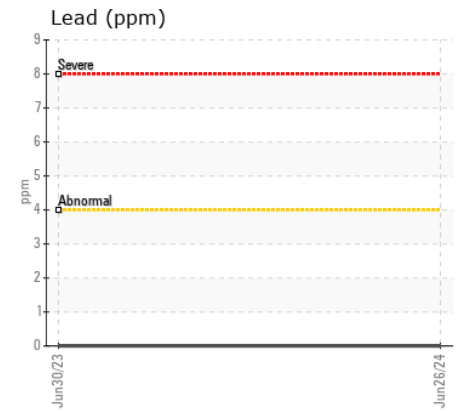
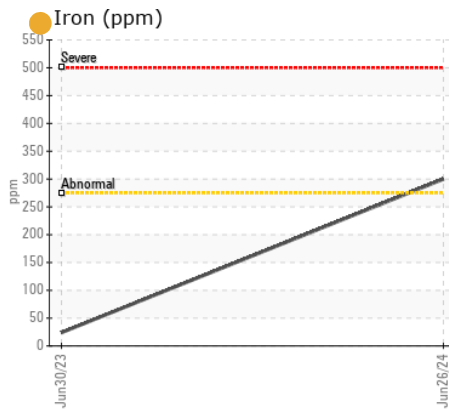
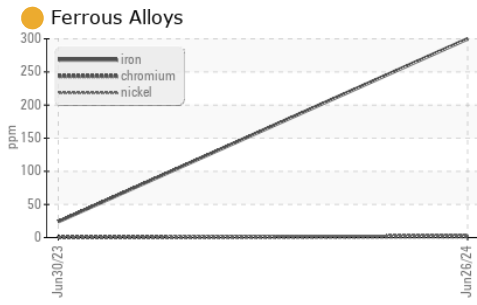
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA057439	VPA056273	---
Sample Date		Client Info		26 Jun 2024	30 Jun 2023	---
Machine Age	hrs	Client Info		168	40	---
Oil Age	hrs	Client Info		127	40	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				ATTENTION	NORMAL	---

PQ		ASTM D8184		18	16	---
Iron	ppm	ASTM D5185m	>275	300	24	---
Chromium	ppm	ASTM D5185m	>4	2	0	---
Nickel	ppm	ASTM D5185m	>4	3	0	---
Titanium	ppm	ASTM D5185m	>3	0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>10	13	<1	---
Lead	ppm	ASTM D5185m	>4	0	0	---
Copper	ppm	ASTM D5185m	>30	16	7	---
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	4	4	---
Potassium	ppm	ASTM D5185m	>20	4	7	---
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		11	4	---
Boron	ppm	ASTM D5185m	400	263	697	---
Barium	ppm	ASTM D5185m	200	0	0	---
Molybdenum	ppm	ASTM D5185m	12	0	0	---
Manganese	ppm	ASTM D5185m		8	4	---
Magnesium	ppm	ASTM D5185m	12	6	874	---
Calcium	ppm	ASTM D5185m	150	8	23	---
Phosphorus	ppm	ASTM D5185m	1650	1452	1588	---
Zinc	ppm	ASTM D5185m	125	195	<1	---
Sulfur	ppm	ASTM D5185m	22500	29129	25056	---
Visc @ 40°C	cSt	ASTM D445	109	103	104	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VPA057439 **Received** : 03 Jul 2024
Lab Number : 06227868 **Tested** : 05 Jul 2024
Unique Number : 11111361 **Diagnosed** : 07 Jul 2024 - Don Baldrige
Test Package : MOB 1 (Additional Tests: PQ)

Galati Yacht Sales LLC
 900 S. BAY BLVD., PO Box 862
 ANNA MARIA, FL
 US 34216
 Contact: SEAN CARDOW
 SCARDOW@GALATIYACHTS.COM

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)

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F: