



VOLVO PENTA

OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL

NORMAL

NORMAL

Area

RYBA [RYBA]

Machine Id

VOLVO PENTA 3194011958

Component

Port IPS

Fluid

GEAR OIL SAE 75W90 (4 GAL)

RECOMMENDATION

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

WEAR

The iron level is abnormal. All other component wear rates are normal.

CONTAMINATION

The water content is negligible. There is no indication of any contamination in the oil.

FLUID CONDITION

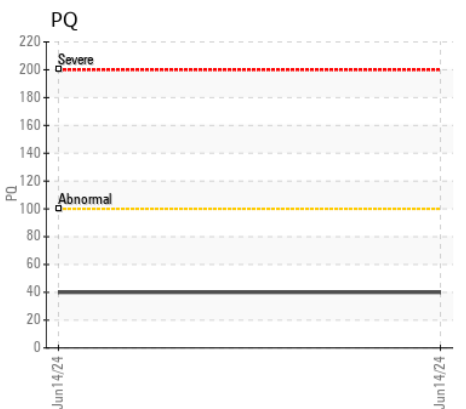
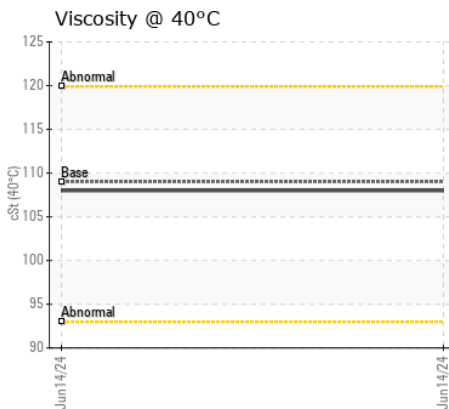
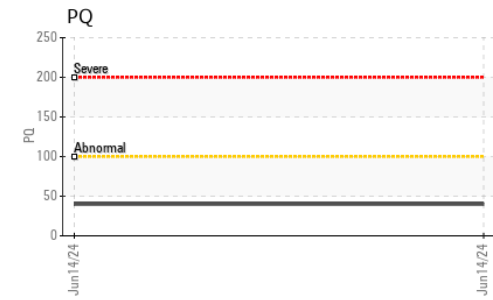
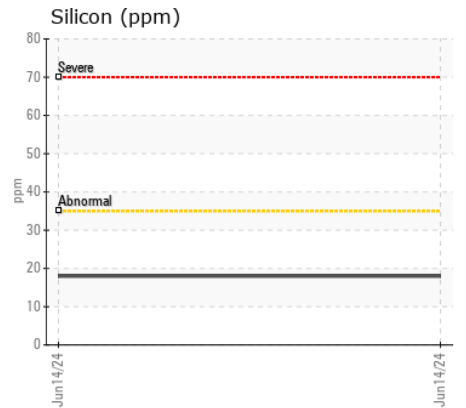
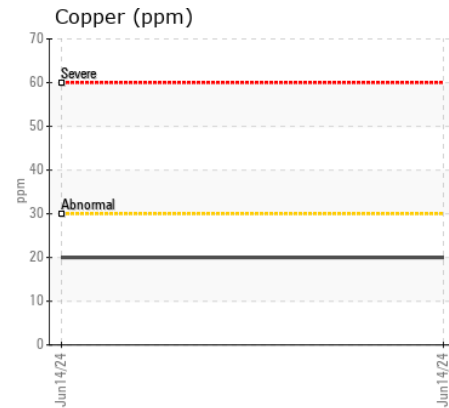
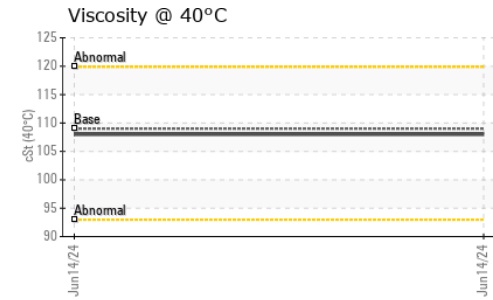
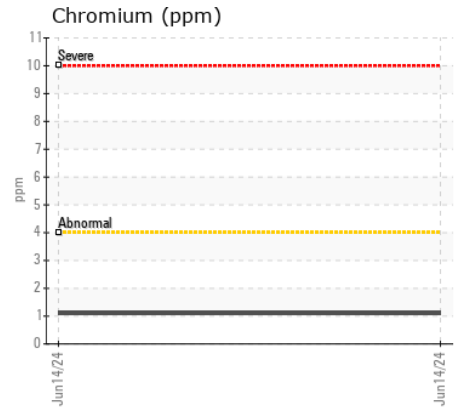
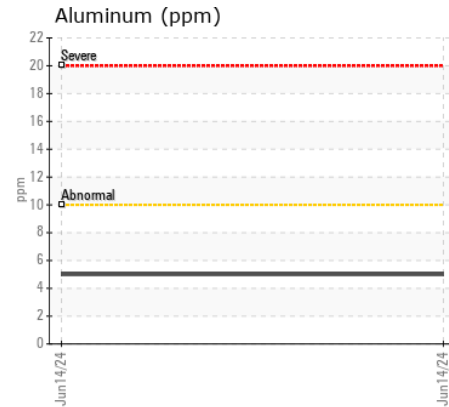
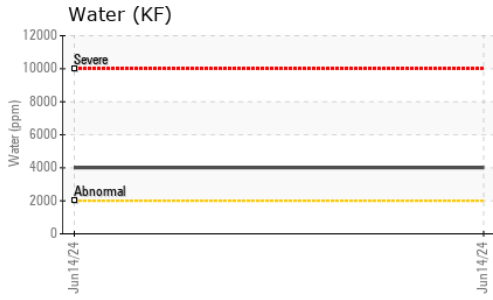
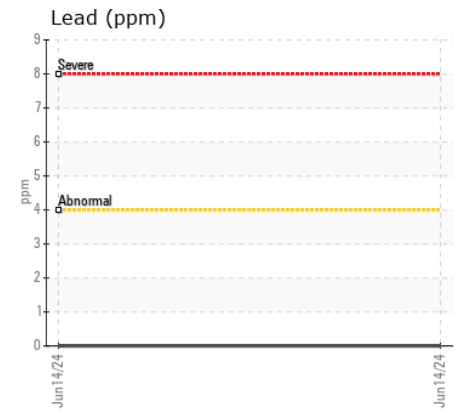
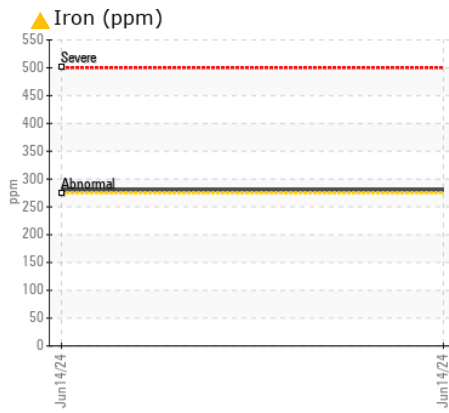
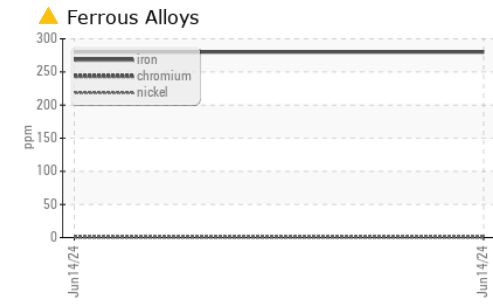
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA056685	---	---
Sample Date		Client Info		14 Jun 2024	---	---
Machine Age	hrs	Client Info		629	---	---
Oil Age	hrs	Client Info		50	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

PQ		ASTM D8184		40	---	---
Iron	ppm	ASTM D5185m	>275	▲ 280	---	---
Chromium	ppm	ASTM D5185m	>4	1	---	---
Nickel	ppm	ASTM D5185m	>4	2	---	---
Titanium	ppm	ASTM D5185m	>3	<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>10	5	---	---
Lead	ppm	ASTM D5185m	>4	0	---	---
Copper	ppm	ASTM D5185m	>30	20	---	---
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	18	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water	%	ASTM D6304	>0.2	0.401	---	---
ppm Water	ppm	ASTM D6304	>2000	4010	---	---
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		29	---	---
Boron	ppm	ASTM D5185m	400	268	---	---
Barium	ppm	ASTM D5185m	200	0	---	---
Molybdenum	ppm	ASTM D5185m	12	1	---	---
Manganese	ppm	ASTM D5185m		6	---	---
Magnesium	ppm	ASTM D5185m	12	7	---	---
Calcium	ppm	ASTM D5185m	150	70	---	---
Phosphorus	ppm	ASTM D5185m	1650	1364	---	---
Zinc	ppm	ASTM D5185m	125	53	---	---
Sulfur	ppm	ASTM D5185m	22500	21964	---	---
Visc @ 40°C	cSt	ASTM D445	109	108	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VPA056685 **Received** : 18 Jun 2024
Lab Number : 06213841 **Tested** : 20 Jun 2024
Unique Number : 11086705 **Diagnosed** : 20 Jun 2024 - Sean Felton
Test Package : MOB 1 (Additional Tests: KF, PQ)

Gary Wood's Marine Inc
 3469 SW Palm City School Ave #A
 PALM CITY, FL
 US 34990
 Contact: Barbara Foreman
 barbara@garywoodsmarine.com
 T: (772)287-6093
 F: (772)287-7134

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)