

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## JERRY DILWORTH YAMAHA 6KA-X-1009460 - OUTBOARD GEARBOX

**Sample No:** VPA056656  
**Oil Type:** YAMAHA YAMALUBE

### SAMPLE INFORMATION

Sample Number	VPA056656	---	---	---
Sample Date	07 Aug 2023	---	---	---
Machine Hours	11	---	---	---
Oil Hours	10	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**BAY MARINE**  
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WAUKEGAN, IL  
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### OIL CONDITION

Visc @ 40°C	cSt	190	---	---	---
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### CONTAMINATION

Silicon	ppm	8	---	---	---
Sodium	ppm	35	---	---	---
Potassium	ppm	1	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

### WEAR METALS

PQ		66	---	---	---
Iron	ppm	32	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	8	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	10	---	---	---
Phosphorus	ppm	955	---	---	---
Barium	ppm	20	---	---	---
Boron	ppm	189	---	---	---

**Depot:** VP1174336  
**Unique No:** 10592774  
**Signed:** Jonathan Hester  
**Report Date:** 11 Aug 2023

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## GRAPHS

