

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**TROY KENT MATTHEW DOW MERCURY MARINE 0M965213 - ZEUS - PORT GEARBOX**

**Sample No:** VPA060137

**Oil Type:** GEAR OIL LS 80W90

## SAMPLE INFORMATION

Sample Number	VPA060137	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	799	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	█ 136	---	---	---
-------------	-----	-------	-----	-----	-----

## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

## WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	█ 18	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	36	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 254	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 99	---	---	---
Phosphorus	ppm	267	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	22	---	---	---

**Mobile Marine Services Inc**  
01032 Advance Rd South  
EAST JORDAN, MI  
US 49727  
Contact: Duane Kujat  
mobilemarine@twin-valley.net  
T: Phone  
F:

## Diagnosis

The oil change at the time of sampling has been noted. 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.

**Depot:** VP443016  
**Unique No:** 10742952  
**Signed:** Angela Borella  
**Report Date:** 17 Nov 2023

# OIL ANALYSIS REPORT



## GRAPHS

