

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE PUTMAN MATTHEW DOW MERCURY MARINE 15216T - ZEUS - PORT GEARBOX

Sample No: VPA060138
Oil Type: GEAR OIL ISO 150

SAMPLE INFORMATION

Sample Number	VPA060138	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	1371	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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

OIL CONDITION

Visc @ 40°C	cSt	█ 154	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

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

WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	▲ 184	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminium	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 29	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 187	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: 10742963
Signed: Angela Borella
Report Date: 17 Nov 2023

OIL ANALYSIS REPORT

GRAPHS

