

OIL ANALYSIS REPORT

VOLVO PENTA

MERCUISER OMO27652 - STARBOARD MAIN ENGINE

Sample No: VPA053541
Oil Type: MERCURY 25W40

SAMPLE INFORMATION

Sample Number	VPA053541	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HINDSON MARINE SERVICE INC
79 CHAMPLAIN ROAD, P.O. BOX 5025
Penetanguishene, ON
CA L9M 2G2
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T: (705)549-2004
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Oxidation (PA)	%	49	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	47	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

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

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	2173	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	902	---	---	---
Phosphorus	ppm	797	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	173	---	---	---

Depot: ROB79PEN
Unique No: 5787098
Signed: Kevin Marson
Report Date: 28 May 2024

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GRAPHS

