

OIL ANALYSIS REPORT

VOLVO PENTA

320461 3940014094 - STARBOARD IPS

Sample No: VPA056629

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056629	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	260	---	---	---
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
Contact: SYDNEY WEBSTER
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T: (705)549-2004
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OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

PQ		█ 0	---	---	---
Iron	ppm	█ 5	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	5	---	---	---
Phosphorus	ppm	█ 1362	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 274	---	---	---

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.

Depot: ROB79PEN
Unique No: 5747905
Signed: Kevin Marson
Report Date: 19 Mar 2024

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GRAPHS

