

OIL ANALYSIS REPORT

VOLVO PENTA

DEWITT VOLVO PENTA 394002249 - STARBOARD IPS

Sample No: VPA045902

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045902	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

MAKO MARINE

117 HUDSON AVE

FREEPORT, NY

US 11520

Contact: PAUL FLOOD

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OIL CONDITION

Visc @ 40°C	cSt	█ 102	---	---	---
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CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 21	---	---	---
Iron	ppm	█ 77	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	106	---	---	---
Magnesium	ppm	105	---	---	---
Zinc	ppm	75	---	---	---
Phosphorus	ppm	1385	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	214	---	---	---

Diagnosis

No corrective action is recommended at this time. 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: VP1134331

Unique No: 10560283

Signed: Doug Bogart

Report Date: 17 Jul 2023

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GRAPHS

