

OIL ANALYSIS REPORT

VOLVO PENTA

SKA MOTORS VOLVO PENTA 3940016642 - PORT IPS

Sample No: VPA058099

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058099	---	---	---
Sample Date	06 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 109	---	---	---
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CONTAMINATION

Water	%	▲ 0.562	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 24	---	---	---
Iron	ppm	● 244	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 1443	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 326	---	---	---

BAY MARINE

3 E MADISON ST

WAUKEGAN, IL

US 60085

Contact: BRENDAN COWHEY

brendan@baymarine.net

T: (847)336-2628

F:

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is milky. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP1174336

Unique No: 10965057

Signed: Don Baldrige

Report Date: 09 Apr 2024

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GRAPHS

