

OIL ANALYSIS REPORT

VOLVO PENTA

RODGERS VOLVO PENTA 3940015150 - STARBOARD IPS

Sample No: VPA049900
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049900	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	916	---	---	---
Oil Hours	43	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine
PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
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T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106.2	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

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

PQ		█ 14	---	---	---
Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 11	---	---	---
Phosphorus	ppm	█ 1383	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 342	---	---	---

Depot: VP153685
Unique No: 10715969
Signed: Jonathan Hester
Report Date: 30 Oct 2023

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GRAPHS

