

OIL ANALYSIS REPORT

VOLVO PENTA

PAULICHEN VOLVO PENTA 3940019324 - STARBOARD IPS

Sample No: VPA045200
Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA045200	---	---	---
Sample Date	10 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 111	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 16	---	---	---
Iron	ppm	█ 17	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	4	---	---	---
Phosphorus	ppm	1322	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 331	---	---	---

MARINE EVOLUTIONS

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LORTON, VA
US 22079
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Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VP446360
Unique No: 11030473
Signed: Sean Felton
Report Date: 16 May 2024

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GRAPHS

