

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE PIXLEY HARDWAY VOLVO PENTA 3940025970 - STARBOARD IPS

Sample No: VPA036169

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036169	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	243	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MARINE DIESEL SERVICES INC

1711 WHITTIER AVE, SUITE B

COSTA MESA, CA

US 92627

Contact: BEN ALMAZAN

marinedieselservices@outlook.com;BEN@MARINEDIESELSERVICE.COM

T: (949)612-8180

F: x:

OIL CONDITION

Visc @ 40°C	cSt	█ 105	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 17	---	---	---
Iron	ppm	█ 24	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 25	---	---	---
Magnesium	ppm	112	---	---	---
Zinc	ppm	█ 14	---	---	---
Phosphorus	ppm	█ 1385	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 261	---	---	---

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: VP288530

Unique No: 10808666

Signed: Don Baldrige

Report Date: 02 Jan 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

