

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3194011482 - STARBOARD IPS

Sample No: VPA060368

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060368	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	555	---	---	---
Oil Hours	120	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103
PLANTATION, FL
US 33325
Contact: ANDRES GARMENDIA
smartdieselservice@gmail.com
T: (954)258-8100
F:

OIL CONDITION

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

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 41	---	---	---
Iron	ppm	█ 157	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 8	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 1437	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 275	---	---	---

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: VPSMAPLA
Unique No: 10940047
Signed: Don Baldrige
Report Date: 25 Mar 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

