OIL ANALYSIS REPORT

VOLVO PENTA

HANNA VOLVO PENTA 3940014993 - PORT IPS

Sample No: VPA043289

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number		**VPA043289**	---	---	---
Sample Date		**06 Feb 2024**	---	---	---
Machine Hours		**1100**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**SEVERE**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**121**	---	---	---

CONTAMINATION

Water	%	**3.89**	---	---	---
Silicon	ppm	**228**	---	---	---
Sodium	ppm	**334**	---	---	---
Potassium	ppm	**14**	---	---	---

WEAR METALS

PQ		**34**	---	---	---
Iron	ppm	**258**	---	---	---
Copper	ppm	**22**	---	---	---
Lead	ppm	**0**	---	---	---
Tin	ppm	**2**	---	---	---
Aluminum	ppm	**6**	---	---	---
Chromium	ppm	**2**	---	---	---
Molybdenum	ppm	**1**	---	---	---
Nickel	ppm	**2**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**4**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**115**	---	---	---
Magnesium	ppm	**54**	---	---	---
Zinc	ppm	**55**	---	---	---
Phosphorus	ppm	**1334**	---	---	---
Barium	ppm	**2**	---	---	---
Boron	ppm	**319**	---	---	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
jason@jasmarine.com
T: (954)462-1112
F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Gear wear is indicated. There is a high concentration of water present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP426065
Unique No: 10872959
Signed: Jonathan Hester
Report Date: 13 Feb 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS