

OIL ANALYSIS REPORT

VOLVO PENTA

HASSUT 4268 4268 VOLVO PENTA 3200003649 - STARBOARD IPS

Sample No: VPA043292

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA043292	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	241	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Jas Marine Service Inc

3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315

Contact: JASON TOLEDO
jason@jasmarine.com

T: (954)462-1112

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 115	---	---	---
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CONTAMINATION

Water	%	▲ 0.574	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	█ 36	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

PQ		█ 21	---	---	---
Iron	ppm	█ 52	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	103	---	---	---
Zinc	ppm	█ 79	---	---	---
Phosphorus	ppm	1371	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 315	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP426065

Unique No: 10875183

Signed: Jonathan Hester

Report Date: 15 Feb 2024

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GRAPHS

