

OIL ANALYSIS REPORT

VOLVO PENTA

MCGAHEY VOLVO PENTA VOLVO PENTA IPS-F (S/N NOT GIVEN) - IPS

Sample No: VPA044139

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA044139	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	736	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

Walstrom Marine

501 Bay Street
HARBOR SPRINGS, MI
US 49740

Contact: RICK HEINY
rheiny@walstrom.com

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 95.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 30	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	● 401	---	---	---
Copper	ppm	■ 34	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 14	---	---	---
Magnesium	ppm	■ 56	---	---	---
Zinc	ppm	■ 23	---	---	---
Phosphorus	ppm	■ 1307	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 178	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP154879
Unique No: 10662008
Signed: Jonathan Hester
Report Date: 27 Sep 2023

OIL ANALYSIS REPORT

GRAPHS

