

OIL ANALYSIS REPORT

VOLVO PENTA

ZF 20229421 - ZEUS DRIVE - PORT GEARBOX

Sample No: VPA052643
Oil Type: GEAR OIL ISO 150

SAMPLE INFORMATION

Sample Number	VPA052643	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALL SYSTEMS MARINE

3910 WEST NAVY BLVD
PENSACOLA, FL
US 32507
Contact: TRISTAN JOHNSON
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T: (228)218-7963
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 145	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 39	---	---	---
Copper	ppm	█ 49	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 27	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 43	---	---	---
Phosphorus	ppm	█ 215	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VP99220003
Unique No: 11103026
Signed: Don Baldrige
Report Date: 02 Jul 2024

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GRAPHS

