

OIL ANALYSIS REPORT

VOLVO PENTA

WINDSERVE MARINE 004 VOLVO PENTA 3950010290 - PORT IPS

Sample No: VPA036185

Oil Type: VOLVO SYNTHETIC GEAR

SAMPLE INFORMATION

Sample Number	VPA036185	---	---	---
Sample Date	18 Mar 2024	---	---	---
Machine Hours	2050	---	---	---
Oil Hours	407	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STEWART AND STEVENSON (ADDA)

PO BOX 950

LODI, NJ

US 07644

Contact: DAVID TAGLIERI

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 102	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. (sample post gear failure, loss of reverse on drive unit).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.

WEAR METALS

PQ		█ 29	---	---	---
Iron	ppm	█ 49	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	█ 17	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	34	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1272	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	288	---	---	---

Depot: VP166699

Unique No: 10950542

Signed: Don Baldrige

Report Date: 01 Apr 2024

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GRAPHS

