

OIL ANALYSIS REPORT



PO 114745 114745 VOLVO PENTA 3950003824 - PORT IPS

Sample No: VPA041190
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA041190	VPA032916	---	---
Sample Date	30 Jan 2024	20 Oct 2020	---	---
Machine Hours	407	148	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Suncoast Diesel Marine Inc.
 610 Mount Vernan St
 OLDSMAR, FL
 US 34677
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OIL CONDITION

Visc @ 40°C	cSt	106	93.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	8	---	---
Sodium	ppm	3	7	---	---
Potassium	ppm	2	10	---	---

Diagnosis

Resample at the next service interval to monitor. 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		16	21	---	---
Iron	ppm	31	28	---	---
Copper	ppm	7	8	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	6	---	---
Manganese	ppm	3	5	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	8	42	---	---
Magnesium	ppm	77	941	---	---
Zinc	ppm	0	9	---	---
Phosphorus	ppm	1444	1560	---	---
Barium	ppm	0	0	---	---
Boron	ppm	301	662	---	---

Depot: VP945077
Unique No: 10862305
Signed: Don Baldrige
Report Date: 07 Feb 2024

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GRAPHS

