

OIL ANALYSIS REPORT



VOLVO PENTA 3950002667 - STARBOARD IPS

Sample No: VPA0606833

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA0606833	VPA044837	VPA010753	---
Sample Date	17 Jan 2024	15 Feb 2023	12 Jan 2022	---
Machine Hours	1000	830	750	---
Oil Hours	0	150	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL
US

Contact: KYLE GRASER
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OIL CONDITION

Visc @ 40°C	cSt	96.6	105	97.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	2	8	---
Sodium	ppm	5	4	13	---
Potassium	ppm	0	0	<1	---

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		56	28	21	---
Iron	ppm	175	61	119	---
Copper	ppm	3	7	23	---
Lead	ppm	0	0	1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	6	2	4	---
Chromium	ppm	2	<1	1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	5	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	6	10	8	---
Magnesium	ppm	1	2	13	---
Zinc	ppm	2	20	101	---
Phosphorus	ppm	1443	1240	1426	---
Barium	ppm	0	0	0	---
Boron	ppm	273	315	264	---

Depot: VP208659

Unique No: 10845452

Signed: Sean Felton

Report Date: 25 Jan 2024

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GRAPHS

