

OIL ANALYSIS REPORT

VOLVO PENTA

APEX VOLVO PENTA 3940026433 - PORT IPS

Sample No: VPA056540
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056540	VPA035051	---	---
Sample Date	10 Jul 2023	15 Jul 2022	---	---
Machine Hours	0	2797	---	---
Oil Hours	0	497	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---

Sundance Mfg Inc
570 N.E. Tomahawk Isl. Dr.
Portland, OR
US 97217
Contact: CLARK HOLMES
clark@sundanceyachts.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 99.6	---	---
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CONTAMINATION

Silicon	ppm	█ 12	█ 11	---	---
Sodium	ppm	█ 29	█ 15	---	---
Potassium	ppm	█ 1	█ 2	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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		█ 20	█ 28	---	---
Iron	ppm	▲ 361	▲ 370	---	---
Copper	ppm	█ 21	█ 26	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	█ 11	10	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ <1	█ 1	---	---
Nickel	ppm	█ 4	█ 4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	1	---	---
Manganese	ppm	█ 5	█ 8	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 8	█ 7	---	---
Magnesium	ppm	█ 7	6	---	---
Zinc	ppm	█ 16	█ 25	---	---
Phosphorus	ppm	█ 1409	█ 1519	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 290	█ 342	---	---

Depot: VP154394
Unique No: 10551138
Signed: Don Baldrige
Report Date: 13 Jul 2023

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GRAPHS

