

OIL ANALYSIS REPORT

VOLVO PENTA

THOMAS BENEDETTI AJD/502644 VOLVO PENTA 3020309241 - STERNDRIVE - PORT GEARBOX

Sample No: VPA060077
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060077	VPA043223	---	---
Sample Date	19 Feb 2024	24 Apr 2023	---	---
Machine Hours	1493	1371	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 104	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	█ 3	---	---
Sodium	ppm	█ 4	█ 4	---	---
Potassium	ppm	█ 0	█ 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 oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 8	█ 8	---	---
Iron	ppm	█ 4	█ 12	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 1	█ 1	---	---
Magnesium	ppm	█ 2	█ 6	---	---
Zinc	ppm	█ 3	█ 2	---	---
Phosphorus	ppm	█ 1383	█ 1306	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 312	█ 326	---	---

Depot: VP794951
Unique No: 10902855
Signed: Don Baldrige
Report Date: 04 Mar 2024

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GRAPHS

