

OIL ANALYSIS REPORT

VOLVO PENTA

BRIAN CHASE DANIEL 502945 VOLVO PENTA 4202200421 STERNDRIVE - PORT GEARBOX

Sample No: VPA059119

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059119	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	865	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 39	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 22	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 64	---	---	---
Phosphorus	ppm	█ 1149	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 252	---	---	---

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.

Depot: VP794951
Unique No: 10969412
Signed: Angela Borella
Report Date: 12 Apr 2024

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GRAPHS

