

OIL ANALYSIS REPORT

VOLVO PENTA

MARK REYS PATRICK 503012/0250 ZF 3102193013 - STERNDRIVE - GEARBOX

Sample No: VPA061607

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA061607	---	---	---
Sample Date	12 Jun 2024	---	---	---
Machine Hours	784	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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US 98107
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OIL CONDITION

Visc @ 40°C	cSt	█ 112	---	---	---
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CONTAMINATION

Water	%	█ 0.345	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 23	---	---	---
Iron	ppm	█ 141	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	▲ 14	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 15	---	---	---
Phosphorus	ppm	█ 1399	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 340	---	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The nickel level is abnormal. All other component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP794951
Unique No: 11076481
Signed: Sean Felton
Report Date: 17 Jun 2024

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GRAPHS

