

OIL ANALYSIS REPORT

VOLVO PENTA

JOHN DAVIS COBALT A 1174724 - STERNDRIVE - PORT GEARBOX

Sample No: VPA051854
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051854	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	87	---	---	---
Oil Hours	46	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Western Branch Diesel, Inc. - VP527273
3504 SHIPWRIGHT ST
PORTSMOUTH, VA
US 23703
Contact: GEORGE ROGIC
grogic@wbdiesel.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 92.7	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 24	---	---	---
Iron	ppm	■ 96	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 9	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ 12	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 26	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 28	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 1354	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 197	---	---	---

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: VP155396
Unique No: 10909940
Signed: Jonathan Hester
Report Date: 05 Mar 2024

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GRAPHS

