

OIL ANALYSIS REPORT

VOLVO PENTA

JOHN DAVIS COBALT A 1174725 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA051855

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051855	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	86	---	---	---
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	■ 92.4	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 1	---	---	---

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		■ 22	---	---	---
Iron	ppm	■ 139	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 13	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ 8	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 26	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 27	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 43	---	---	---
Phosphorus	ppm	■ 1307	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 180	---	---	---

Depot: VP155396

Unique No: 10909941

Signed: Jonathan Hester

Report Date: 05 Mar 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

