

OIL ANALYSIS REPORT



NADINE URUIOLI RACHAEL YOUSEFF VOLVO PENTA 51220240391 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA058327

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION

Sample Number	VPA058327	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	215	---	---	---
Oil Hours	215	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Helmut's Marine Service
619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URUIOLI
SERVICE@HELMUTSMARINE.COM
T: x:
F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 80.1	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
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		■ 15	---	---	---
Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 0	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 80	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 1236	---	---	---
Magnesium	ppm	■ 947	---	---	---
Zinc	ppm	■ 1194	---	---	---
Phosphorus	ppm	■ 1059	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 124	---	---	---

Depot: VP152741
Unique No: 11111351
Signed: Don Baldrige
Report Date: 07 Jul 2024

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VOLVO PENTA

GRAPHS

