

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI EISENZIMMER VOLVO PENTA 5103945273D - STERNDRIVE - CENTER GEARBOX

Sample No: VPA051519
Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA051519	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	560	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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

OIL CONDITION

Visc @ 40°C	cSt	■ 79.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 18	---	---	---
Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 42	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 68	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 1591	---	---	---
Magnesium	ppm	■ 732	---	---	---
Zinc	ppm	■ 949	---	---	---
Phosphorus	ppm	■ 816	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	286	---	---	---

Depot: VP152741
Unique No: 10589792
Signed: Sean Felton
Report Date: 08 Aug 2023

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GRAPHS

