

OIL ANALYSIS REPORT

VOLVO PENTA

COLINS MARINE 502093 VOLVO PENTA VOLVO PENTA DP-C - STERNDRIVE (S/N UNREADABLE) - CENTER GEARBOX

Sample No: VPA051864

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051864	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	1298	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

North Harbor Diesel Inc

720 30Th Street
ANACORTES, WA
US 98221
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T: (360)299-1904
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 11	---	---	---
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	█ 21	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 24	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 1	---	---	---
Phosphorus	ppm	█ 1355	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 283	---	---	---

Depot: VP179089
Unique No: 10712116
Signed: Don Baldrige
Report Date: 27 Oct 2023

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GRAPHS

