

OIL ANALYSIS REPORT

VOLVO PENTA

502228 VOLVO PENTA 3 1022043 14 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA058177

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058177	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	132	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

North Harbor Diesel Inc

720 30Th Street
ANACORTES, WA
US 98221
Contact: ROBBIN MURDOCK
robbin@northharbordiesel.com
T: (360)299-1904
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 105	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

PQ		█ 32	---	---	---
Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 13	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 34	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 1253	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 269	---	---	---

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: VP179089
Unique No: 10884071
Signed: Don Baldrige
Report Date: 18 Feb 2024

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GRAPHS

