

OIL ANALYSIS REPORT

VOLVO PENTA

36FT SARGO 36 SARGO VOLVO PENTA 3100005695 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA058174

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058174	---	---	---
Sample Date	13 Feb 2024	---	---	---
Machine Hours	144	---	---	---
Oil Hours	144	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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	■ 88.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 14	---	---	---

WEAR METALS

PQ		■ 27	---	---	---
Iron	ppm	▲ 153	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 13	---	---	---
Magnesium	ppm	■ 854	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 1380	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 480	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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: 10888726

Signed: Sean Felton

Report Date: 23 Feb 2024

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GRAPHS

