

OIL ANALYSIS REPORT

VOLVO PENTA

FTL 512244 VOLVO PENTA A1174766 - INBOARD - STARBOARD GEARBOX

Sample No: VPA045690

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045690	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	135	---	---	---
Oil Hours	135	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

FDDA FT LAUDERDALE - CORPORATE

4141 SW 30TH AVE
FORT LAUDERDALE, FL
US 33312
Contact: BRETT STERNBACH
B.Sternbach@kirbycorp.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 101	---	---	---
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CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

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		■ 33	---	---	---
Iron	ppm	■ 28	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 7	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 14	---	---	---
Magnesium	ppm	■ 75	---	---	---
Zinc	ppm	■ 12	---	---	---
Phosphorus	ppm	■ 1358	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 311	---	---	---

Depot: VP208640
Unique No: 10656768
Signed: Jonathan Hester
Report Date: 21 Sep 2023

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GRAPHS

