

OIL ANALYSIS REPORT

VOLVO PENTA

RIVERIA 530717 VOLVO PENTA 3200000547 (S/N 320000547) - STARBOARD IPS

Sample No: VPA058008

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058008	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	276	---	---	---
Oil Hours	25	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

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

CONTAMINATION

Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 5	---	---	---

WEAR METALS

PQ		█ 9	---	---	---
Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---

ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 90	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1345	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 375	---	---	---

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G
DAVIE, FL
US 33314
Contact: ASHANTI BURKE
aburke@midiflorida.com
T: (954)761-1086
F: (954)761-1186

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: VP694356
Unique No: 10741661
Signed: Sean Felton
Report Date: 16 Nov 2023

OIL ANALYSIS REPORT

GRAPHS

