

OIL ANALYSIS REPORT

VOLVO PENTA

JOHNSON 4221 VOLVO PENTA 3940019655 - STARBOARD IPS

Sample No: VPA060517

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060517	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	760	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
jason@jasmarine.com
T: (954)462-1112
F:

OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 29	---	---	---
Iron	ppm	▲ 207	---	---	---
Copper	ppm	■ 14	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 12	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 18	---	---	---
Phosphorus	ppm	■ 1204	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 222	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: VP426065
Unique No: 10899411
Signed: Sean Felton
Report Date: 28 Feb 2024

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GRAPHS

