

OIL ANALYSIS REPORT

**VOLVO
PENTA**

JEWEL EB44-01 505658 VOLVO PENTA 3940017567 - STARBOARD IPS

Sample No: VPA035492
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA035492	---	---	---
Sample Date	07 Dec 2021	---	---	---
Machine Hours	556	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 105.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 27	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 34	---	---	---
Iron	ppm	▲ 351	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 16	---	---	---
Phosphorus	ppm	█ 1396	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 226	---	---	---

Marine International Diesels Inc.
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DAVIE, FL
US 33314
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Diagnosis

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: VP694356
Unique No: 9772782
Signed: Doug Bogart
Report Date: 09 Dec 2021

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GRAPHS

