

OIL ANALYSIS REPORT

VOLVO PENTA

NEWT MARINE - SCARLETTE RIVER SCARLETTE RIVER - INBOARD (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA033544

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA033544	---	---	---
Sample Date	10 Jun 2021	---	---	---
Machine Hours	207	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

INTERSTATE POWER SYSTEMS

2901 E 78TH ST
MINNEAPOLIS, MN
US 55425

Contact: BRADY GARBRECHT
brady.garbrecht@istate.com

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 68.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 12	---	---	---
Copper	ppm	■ 23	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	62	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1224	---	---	---
Magnesium	ppm	946	---	---	---
Zinc	ppm	1251	---	---	---
Phosphorus	ppm	1130	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	25	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1103105
Unique No: 9551693
Signed: Don Baldrige
Report Date: 21 Jun 2021

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GRAPHS

