

OIL ANALYSIS REPORT

VOLVO PENTA

WESTERBEKE 62541-E102 - GENSET

Sample No: VPA011818

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA011818	---	---	---
Sample Date	03 Jun 2016	---	---	---
Machine Hours	1264	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
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T: (954)462-1112
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OIL CONDITION

Visc @ 100°C	cSt	█ 15.00	---	---	---
Oxidation (PA)	%	█ 56	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 58	---	---	---
Sulfation (PA)	%	█ 53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 32	---	---	---
Potassium	ppm	█ 5	---	---	---

WEAR METALS

Iron	ppm	▲ 71	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	▲ 10	---	---	---
Chromium	ppm	◆ 49	---	---	---
Molybdenum	ppm	52	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2845	---	---	---
Magnesium	ppm	87	---	---	---
Zinc	ppm	1210	---	---	---
Phosphorus	ppm	1085	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	102	---	---	---

Diagnosis

We advise that you perform a compression test. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Piston, ring and cylinder wear is indicated. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP426065
Unique No: 7425861
Signed: Doug Bogart
Report Date: 09 Jun 2016

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GRAPHS

