

OIL ANALYSIS REPORT

VOLVO PENTA

MIKE MAKENZIE 3860 VOLVO PENTA 2006040437 - STARBOARD IPS

Sample No: VPA060611
Oil Type: VALVOLINE 75W90

SAMPLE INFORMATION

Sample Number	VPA060611	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	600	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

WESTERN BRANCH DIESEL
6881 BULLDOG DR N
CHARLESTON, SC
US 29406
Contact: MICHAEL JORDAN
mdjordan@wbdiesel.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 96.6	---	---	---
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CONTAMINATION

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

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.

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 105	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminium	ppm	2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 48	---	---	---
Phosphorus	ppm	■ 1529	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 425	---	---	---

Depot: VP1165983
Unique No: 10968169
Signed: Jonathan Hester
Report Date: 12 Apr 2024

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GRAPHS

