

# OIL ANALYSIS REPORT

# VOLVO PENTA

## DRAGONFLY 37001 J070118095 - GENSET

Sample No: VPA041177

Oil Type: SHELL ROTELLA T 15W40

### SAMPLE INFORMATION

Sample Number	VPA041177	VPA041001	---	---
Sample Date	06 Dec 2023	04 Jan 2023	---	---
Machine Hours	448	444	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### OIL CONDITION

Visc @ 100°C	cSt	█ 14.3	█ 14.4	---	---
Base Number (BN)	mg KOH/g	█ 8.5	█ 8.6	---	---
Oxidation (PA)	%	71	75	---	---

### CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	43	51	---	---
Sulfation (PA)	%	57	58	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 3	---	---
Sodium	ppm	█ 1	█ 3	---	---
Potassium	ppm	█ 8	█ 7	---	---

### WEAR METALS

Iron	ppm	█ <1	█ 4	---	---
Copper	ppm	█ 0	█ 2	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

### ADDITIVES

Calcium	ppm	█ 2055	█ 2250	---	---
Magnesium	ppm	█ 19	█ 15	---	---
Zinc	ppm	█ 1142	█ 1130	---	---
Phosphorus	ppm	█ 999	█ 964	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 204	█ 197	---	---

#### The Talaria Company

202 Banks St., One Little Harbor Landing  
OXFORD, MD

US 21654

Contact: TRACY PELLERIN

tpellerin@hinckleyyachts.com

T: (410)770-4899

F: x:

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP592286

Unique No: 10794158

Signed: Sean Felton

Report Date: 20 Dec 2023

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

