

OIL ANALYSIS REPORT

VOLVO PENTA

GAYSIE 3705 CS700608 - PORT DIESEL ENGINE

Sample No: VPA047855

Oil Type: CAT DIESEL ENGINE OIL 15W40

SAMPLE INFORMATION

Sample Number	VPA047855	---	---	---
Sample Date	15 Sep 2023	---	---	---
Machine Hours	246	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	█ 8.3	---	---	---
Oxidation (PA)	%	█ 63	---	---	---

CONTAMINATION

Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	█ 53	---	---	---
Sulfation (PA)	%	█ 55	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 8	---	---	---

WEAR METALS

Iron	ppm	█ 17	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ <1	---	---	---

ADDITIVES

Calcium	ppm	█ 2235	---	---	---
Magnesium	ppm	█ 95	---	---	---
Zinc	ppm	█ 1222	---	---	---
Phosphorus	ppm	█ 1037	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 178	---	---	---

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: 10660717

Signed: Sean Felton

Report Date: 26 Sep 2023

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

