

OIL ANALYSIS REPORT

**VOLVO
PENTA**

CALLALOO 3B105656 - STARBOARD GASOLINE ENGINE

Sample No: VPA052369
Oil Type: QUICKSILVER 25W40

SAMPLE INFORMATION

Sample Number	VPA052369	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	16.7	---	---	---
Base Number (BN)	mg KOH/g	9.3	---	---	---
Oxidation (PA)	%	16	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	12	---	---	---
Sulfation (PA)	%	12	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	19	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---

WEAR METALS

Iron	ppm	5	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	39	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1884	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	729	---	---	---
Phosphorus	ppm	632	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	109	---	---	---

The Talaria Company

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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 suitable for further service.

Depot: VP592286
Unique No: 10830428
Signed: Jonathan Hester
Report Date: 16 Jan 2024

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GRAPHS

