

OIL ANALYSIS REPORT

VOLVO PENTA

COLT BOEHME EVAN/502951 VOLVO PENTA A366989 - STARBOARD GASOLINE ENGINE

Sample No: VPA053192
Oil Type: VOLVO 10W40

SAMPLE INFORMATION

Sample Number	VPA053192	---	---	---
Sample Date	26 Apr 2024	---	---	---
Machine Hours	334	---	---	---
Oil Hours	334	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 6.7	---	---	---
Oxidation (PA)	%	9	---	---	---

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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	7	---	---	---
Sulfation (PA)	%	9	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 20	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1872	---	---	---
Magnesium	ppm	30	---	---	---
Zinc	ppm	829	---	---	---
Phosphorus	ppm	734	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VP794951
Unique No: 11007453
Signed: Jonathan Hester
Report Date: 06 May 2024

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GRAPHS

