

OIL ANALYSIS REPORT

**VOLVO
PENTA**

CUMMINS NOT GIVEN VPA051793 (S/N NO INFO ON SIF/BOTTLE) - DIESEL ENGINE

Sample No: VPA051793

Oil Type: SCHAEFFER SUPREME 7000

SAMPLE INFORMATION

Sample Number	VPA051793	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.1	---	---	---
Oxidation (PA)	%	64	---	---	---

CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	52	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 38	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2270	---	---	---
Magnesium	ppm	█ 56	---	---	---
Zinc	ppm	█ 1237	---	---	---
Phosphorus	ppm	█ 1035	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 209	---	---	---

Edward's Marine and Sons

12741 Sunset Ave
OCEAN CITY, MD
US 21842

Contact: Edward Bartholme
edwardsmarine@comcast.net;canastasio@wearcheckusa.com

T:
F:

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: VP551029

Unique No: 10648348

Signed: Sean Felton

Report Date: 19 Sep 2023

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GRAPHS

