

OIL ANALYSIS REPORT

VOLVO PENTA

CLAUDE MOSS 6255 YANMAR 4JH4-HTE E20288 - DIESEL ENGINE

Sample No: VPA045833

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045833	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	45	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Northwest Diesel Power
1325 ROEDER AVE SUITE 103
BELLINGHAM, WA
US 98225
Contact: BRANDON ROBERTSON
parts@nwdieselpower.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.92	---	---	---
Base Number (BN)	mg KOH/g	█ 8.8	---	---	---
Oxidation (PA)	%	49	---	---	---

Diagnosis

No corrective action is recommended at this time. 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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	█ 18	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 22	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1629	---	---	---
Magnesium	ppm	█ 683	---	---	---
Zinc	ppm	█ 877	---	---	---
Phosphorus	ppm	758	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 127	---	---	---

Depot: VP759009
Unique No: 10621763
Signed: Doug Bogart
Report Date: 28 Aug 2023

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GRAPHS

