

OIL ANALYSIS REPORT

VOLVO PENTA

HEIDI TRUDGEON 6175 PANDA 2002395 - GENSET

Sample No: VPA045822

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045822	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	54	---	---	---
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	█ 11.75	---	---	---
Base Number (BN)	mg KOH/g	9.8	---	---	---
Oxidation (PA)	%	32	---	---	---

CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	40	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 2.0	---	---	---
Silicon	ppm	█ 28	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. No other contaminants were detected 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.

WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	12	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	3829	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	828	---	---	---
Phosphorus	ppm	684	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	6	---	---	---

Depot: VP759009
Unique No: 10547530
Signed: Doug Bogart
Report Date: 06 Jul 2023

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GRAPHS

