

OIL ANALYSIS REPORT

VOLVO PENTA

GRANT GUNDY 6746 NEXT GEN SL1056-9.3KLA 240-20565 - GENSET

Sample No: VPA052973

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA052973	VPA055939	---	---
Sample Date	26 Jun 2024	01 Jan 2023	---	---
Machine Hours	394	75	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

Northwest Diesel Power
1325 ROEDER AVE SUITE 103
BELLINGHAM, WA
US 98225
Contact: BRANDON ROBERTSON
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T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	█ 13.3	---	---
Base Number (BN)	mg KOH/g	8.4	8.8	---	---
Oxidation (PA)	%	46	47	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0	█ 0.1	---	---
Nitration (PA)	%	49	52	---	---
Sulfation (PA)	%	48	48	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 6	█ 4	---	---
Sodium	ppm	█ 1	█ 1	---	---
Potassium	ppm	█ 3	█ 2	---	---

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 acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 6	█ 4	---	---
Copper	ppm	█ <1	█ 0	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	19	0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	1720	1237	---	---
Magnesium	ppm	797	604	---	---
Zinc	ppm	1067	754	---	---
Phosphorus	ppm	898	644	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	96	92	---	---

Depot: VP759009
Unique No: 11101484
Signed: Don Baldrige
Report Date: 01 Jul 2024

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GRAPHS

