

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS ROSINSKI 6458 CUMMINS 5MDKBH-5238E A150786220 - CENTER GENSET

Sample No: VPA060537

Oil Type: CHEVRON 15W40

SAMPLE INFORMATION

Sample Number	VPA060537	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	102	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Northwest Diesel Power

1325 ROEDER AVE SUITE 103
BELLINGHAM, WA
US 98225

Contact: BRANDON ROBERTSON
parts@nwdieselpower.com

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	8.6	---	---	---
Oxidation (PA)	%	50	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	43	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 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	█ 8	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1157	---	---	---
Magnesium	ppm	█ 883	---	---	---
Zinc	ppm	█ 1264	---	---	---
Phosphorus	ppm	█ 1042	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

Depot: VP759009

Unique No: 10765412

Signed: Don Baldrige

Report Date: 03 Dec 2023

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GRAPHS

