

OIL ANALYSIS REPORT

VOLVO PENTA

ROD LARDEN 6648 TWIN DISC MG-5081-A 5GM108 - INBOARD - PORT GEARBOX

Sample No: VPA060889

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA060889	---	---	---
Sample Date	30 Apr 2024	---	---	---
Machine Hours	2200	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

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

OIL CONDITION

Visc @ 40°C	cSt	■ 91.24	---	---	---
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CONTAMINATION

Water	%	▲ 0.250	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	■ 30	---	---	---
Copper	ppm	■ 60	---	---	---
Lead	ppm	■ 82	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 58	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2977	---	---	---
Magnesium	ppm	■ 208	---	---	---
Zinc	ppm	■ 1159	---	---	---
Phosphorus	ppm	■ 1059	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 420	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP759009
Unique No: 11008121
Signed: Doug Bogart
Report Date: 02 May 2024

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GRAPHS

