

OIL ANALYSIS REPORT

VOLVO PENTA

AL CUNNINGHAM 6388 VOLVO PENTA MS3C KGMS3C2115 - INBOARD - PORT GEARBOX

Sample No: VPA060560

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA060560	---	---	---
Sample Date	03 Nov 2023	---	---	---
Machine Hours	3315	---	---	---
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
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F:

OIL CONDITION

Visc @ 40°C	cSt	87.9	---	---	---
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CONTAMINATION

Silicon	ppm	13	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	0	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		46	---	---	---
Iron	ppm	46	---	---	---
Copper	ppm	54	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	3480	---	---	---
Magnesium	ppm	29	---	---	---
Zinc	ppm	1159	---	---	---
Phosphorus	ppm	961	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	542	---	---	---

Depot: VP759009
Unique No: 10729519
Signed: Jonathan Hester
Report Date: 09 Nov 2023

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GRAPHS

