

OIL ANALYSIS REPORT



MCMICHAEL 590-112 JAY ZF 20401280 - INBOARD - PORT GEARBOX

Sample No: VPA057263

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA057263	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	71	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 39.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. 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		■ 87	---	---	---
Iron	ppm	■ 129	---	---	---
Copper	ppm	■ 135	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	47	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2216	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	745	---	---	---
Phosphorus	ppm	658	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	207	---	---	---

Depot: VP153685
Unique No: 10816487
Signed: Doug Bogart
Report Date: 04 Jan 2024

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VOLVO PENTA

GRAPHS

