

OIL ANALYSIS REPORT

**VOLVO
PENTA**

MULLIN HURTH HURTH ZF 63A25 (S/N NOT GIVEN) - TRANSMISSION (MANUAL)

Sample No: VPA056458

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA056458	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

W J Clark Inc

4517 Dunning Road
NORFOLK, VA
US 23518
Contact: WALTER CLARK
ychtfixer@aol.com

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 24.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 34	---	---	---
Iron	ppm	■ 106	---	---	---
Copper	ppm	■ 228	---	---	---
Lead	ppm	■ 277	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 214	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 128	---	---	---
Phosphorus	ppm	■ 259	---	---	---
Barium	ppm	■ 89	---	---	---
Boron	ppm	■ 46	---	---	---

Depot: VP151520
Unique No: 10634468
Signed: Don Baldrige
Report Date: 08 Sep 2023

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GRAPHS

