OIL ANALYSIS REPORT

VOLVO PENTA

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

Sample No: VPA057263

Oil Type: {unknown}

SAMPLE INFORMATION Sample Number VPA057263 07 Dec 2023 Sample Date Machine Hours 71 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 39.1 CONTAMINATION % NEG Water Silicon ppm 7 Sodium 1 ppm Potassium ppm 2 WEAR METALS PO 87 129 Iron ppm 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 2216 Calcium ppm Magnesium ppm 0 Zinc ppm 745 658 Phosphorus ppm Barium 0 ppm 207 Boron ppm

Outstanding Marine

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

Diagnosis

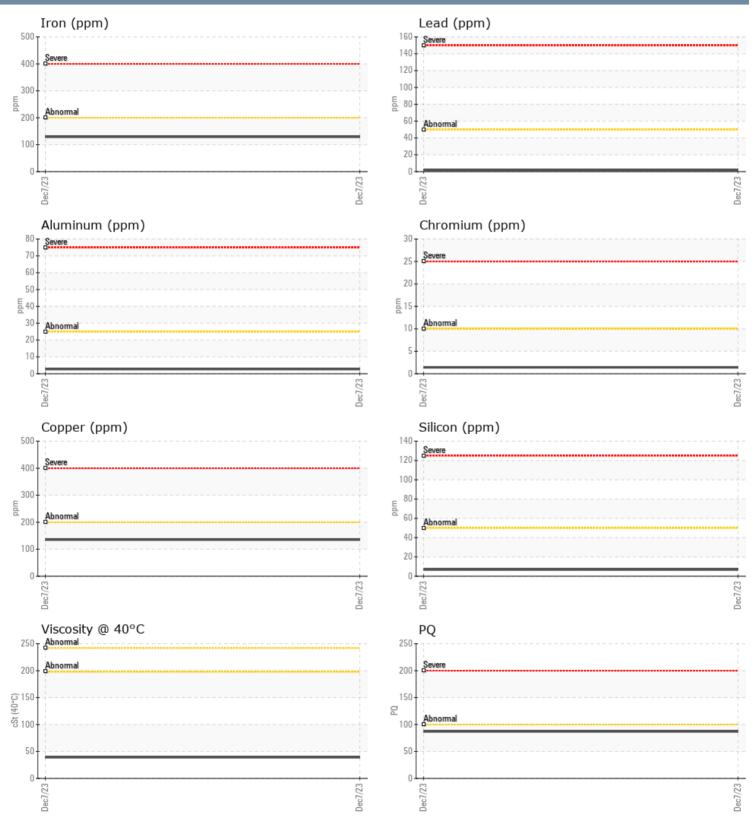
No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

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

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06050538 (Generated: 01/04/2024 19:18:54) Rev: 1

Contact/Location: Ronda Bolinger - VP153685