OIL ANALYSIS REPORT

MCMICHAEL 590-112 ZF 20401268 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057004

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		VPA057004	 	 - · · · · · ·
Sample Date		07 Dec 2023	 	 Outstanding Marine
Machine Hours		71	 	 PO Box 274
Oil Hours		0	 	 GALENA, MD
Oil Changed		N/A	 	 US 21635
Sample Status		NORMAL	 	 Contact: Ronda Bolinger
	_			rlwb@verizon.net
OIL CONDITION				T:
	<i>C</i> :			F:
Visc @ 40°C	cSt	39.7	 	
CONTAMINATIO	N			Diagnosis
				No corrective action is recommende
Water	%	NEG	 	 at this time. Resample at the next
Silicon	ppm	7	 	 service interval to monitor.All
Sodium	ppm	2	 	 component wear rates are normal for
Potassium	ppm	3	 	 OEM. There is no indication of any
WEAR METALS				contamination in the oil. The condition of the oil is acceptable for
PQ		98	 	 the time in service.
Iron	ppm	132	 	
Copper	ppm	228	 	
Lead	ppm	3	 	
Tin		2	 	
Aluminum	ppm	3	 	
Chromium	ppm	2	 	
Molybdenum	ppm	48		
Nickel	ppm			
	ppm	0	 	
Titanium Ciluar	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2238	 	
Magnesium	ppm	0	 	
Zinc	ppm	754	 	
Phosphorus	ppm	676	 	
Barium	ppm	0	 	
Boron	ppm	207	 	

VOLVO PENTA

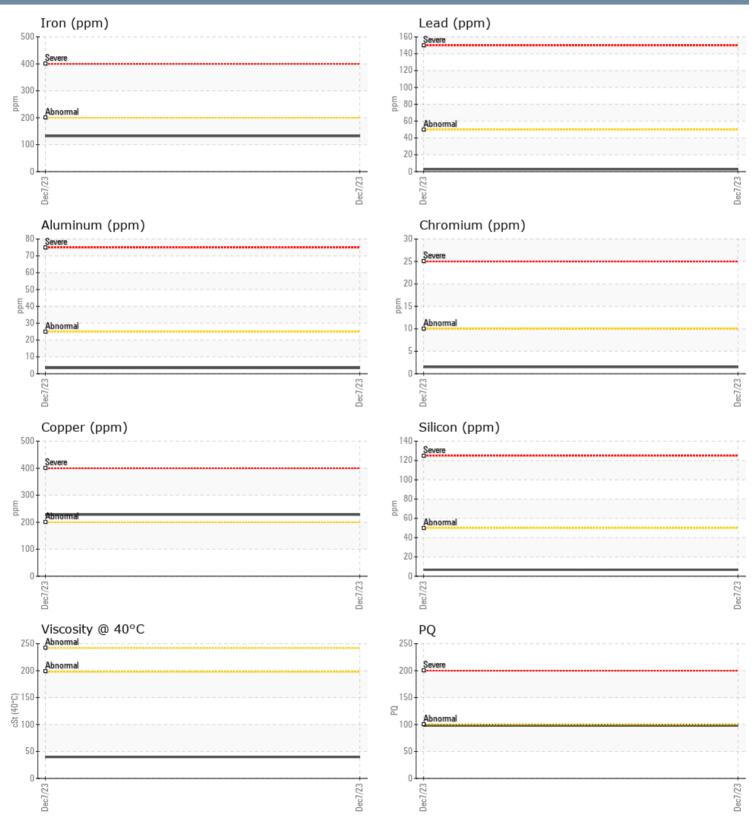
Depot:	VP153685		
Unique No:	10816489		
Signed:	Doug Bogart		
Report Date:	04 Jan 2024		

Contact/Location: Ronda Bolinger - VP153685

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06050540 (Generated: 01/04/2024 19:12:23) Rev: 1

Contact/Location: Ronda Bolinger - VP153685