OIL ANALYSIS REPORT

RICHARD ALLEY ZF ZF 003645 - INBOARD (S/N NOT GIVEN) - PORT GEARBOX

Sample No: VPA044348

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA044348	 	
Sample Date		30 Jun 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	89.6	 	
CONTAMINATION				
Silicon	ppm	8	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	
	F.F. **			
WEAR METALS				
PQ		85	 	
Iron	ppm	168	 	
Copper	ppm	1 4	 	
Lead	ppm	 <1	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	95	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2548	 	
Magnesium	ppm	67	 	
Zinc	ppm	1147	 	
Phosphorus	ppm	1018	 	
Barium	ppm	0	 	
Boron	ppm	8	 	

VOLVO PENTA

MARINE EVOLUTIONS 5831 HILL PARK DR .ORTON, VA JS 22079 Contact: TIM STAPLES service@marineevolutions.com T: (702)345-0365

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 VP446360

 Unique No:
 10552803

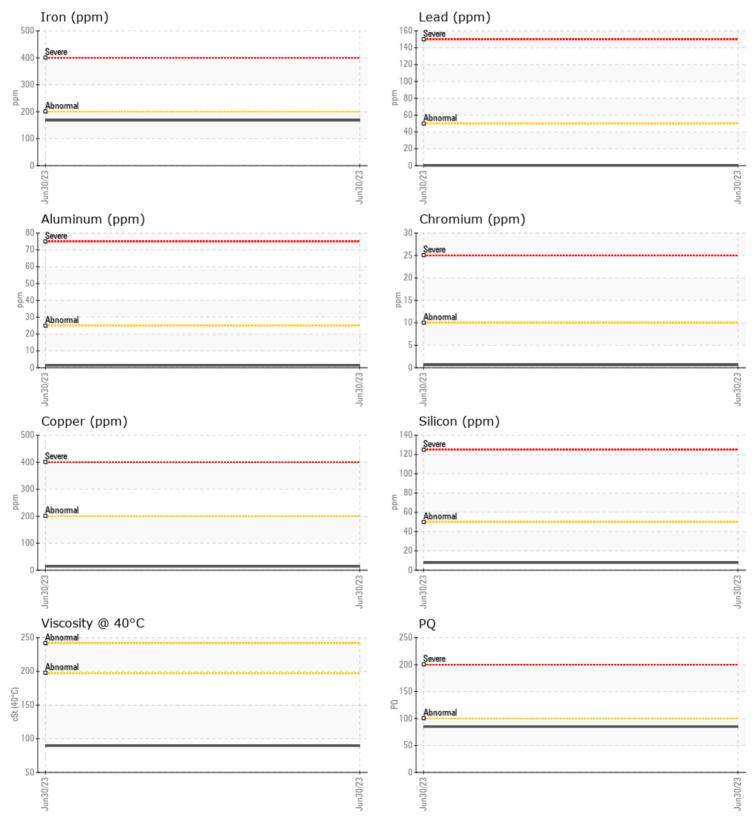
 Signed:
 Sean Felton

 Report Date:
 14 Jul 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP446360 [WUSCAR] 05896993 (Generated: 07/14/2023 13:14:44) Rev: 1

Contact/Location: TIM STAPLES - VP446360