



BLUE FINN ZF 20233944 - INBOARD - STARBOARD GEARBOX

Sample No: VPA053746
Oil Type: SAE 30W

Sample Number VPA053746	SAMPLE INFORM	ATION			
Sample Date 16 May 2024	Sample Number		VPA053746	 	
Machine Hours 1116				 	
Oil Changed Sample Status Not Changd NORMAL	•			 	
Sample Status				 	
Sample Status	Oil Changed		Not Changd	 	
Visc @ 40°C cSt #73.6 <th< th=""><th></th><th></th><th></th><th> </th><th></th></th<>				 	
Vater	OIL CONDITION				
Water % NEG	Visc @ 40°C	cSt	73.6	 	
Silicon ppm 5 <td< td=""><td>CONTAMINATION</td><td>l</td><td></td><td></td><td></td></td<>	CONTAMINATION	l			
Silicon ppm 5 <td< td=""><td>Water</td><td>%</td><td>NEG</td><td> </td><td></td></td<>	Water	%	NEG	 	
Sodium ppm 2 <td></td> <td>ppm</td> <td>■5</td> <td> </td> <td></td>		ppm	■ 5	 	
WEAR METALS PQ 29	Sodium		■ 2	 	
PQ	Potassium	ppm	■ 0	 	
Iron					
Copper ppm 126 <			_	 	
Lead ppm 7 Tin ppm 2 Aluminum ppm 2 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 1024 ADDITIVES Calcium ppm 831 Magnesium ppm 837 Phosphorus ppm 764 Barium ppm 0		ppm	_	 	
Tin ppm 2 Aluminum ppm 2 Aluminum ppm 0		ppm	_	 	
Aluminum ppm 2		ppm		 	
Chromium ppm 0 Molybdenum ppm Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0			_		
Molybdenum ppm Nickel ppm 0 Titanium ppm <1			_	 	
Nickel ppm 0 Titanium ppm <1					
Titanium	-		_		
Silver ppm 0 Manganese ppm <1 Vanadium ppm 0 ADDITIVES Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0					
Manganese ppm Vanadium ppm 0 ADDITIVES Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0					
Vanadium ppm 0 ADDITIVES Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0			-		
ADDITIVES Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0	3		_		
Calcium ppm 1024 Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0	Vanadium	ppm	U	 	
Magnesium ppm 831 Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0	ADDITIVES				
Zinc ppm 837 Phosphorus ppm 764 Barium ppm 0	Calcium	ppm	1024	 	
Phosphorus ppm 764 Barium ppm 0	Magnesium	ppm	■831	 	
Barium ppm 0	Zinc	ppm	■837	 	
	Phosphorus	ppm	764	 	
Boron ppm 4	Barium	ppm	■ 0	 	
	Boron	ppm	4	 	

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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:VP288530Unique No:11044752Signed:Sean FeltonReport Date:24 May 2024

OIL ANALYSIS REPORT



