



WHITE MOUNTAIN PROCESS

Mechanical Seals for Mixers, Pumps, Reactors and Rotating Equipment

Mechanical Seals, Seal Repairs, and Service



Are you tired of poor service and slow response for mechanical seal help?

We provide "down to earth" mechanical seal solutions, to fit your requirements at fair prices!



Please contact us:

White Mountain Process

sales@wmprocess.com

wmprocess.com | 800-737-9619



Mixer & Pump Mechanical Seals & Repairs:

- Full Seal Repairs & Testing
- Sanitary Seals with USP VI and FDA Materials with Certs
- Double Seals with Liquid or Gas Barrier
- Seals with Debris Well for CIP and SIP – Aseptic Sealing
- Industrial/Sanitary Pump Seals



White Mountain Process
www.wmprocess.com

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Fax: 617-531-2090
sales@wmprocess.com

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Reduce Cost and Increase MTBF

WHITE MOUNTAIN PROCESS MIXER & MECHANICAL SEAL REPAIR & SERVICE

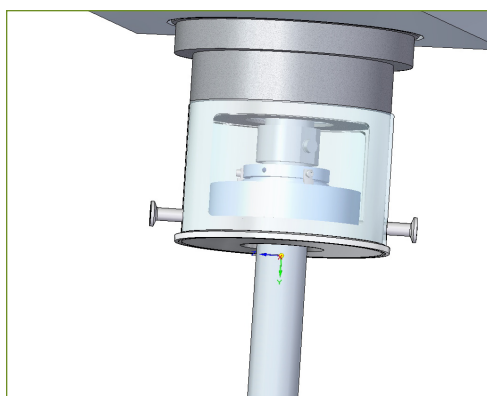


New Seals and Seal Repairs

- Mixer Seal Service
- We Test Run Each Mixer
- Bench Tests of Seals

Testing

- Failure Analysis
- CIP/SIP
- Repairs & Upgrades
- Seal Pressure Testing
- cGMP Documentation



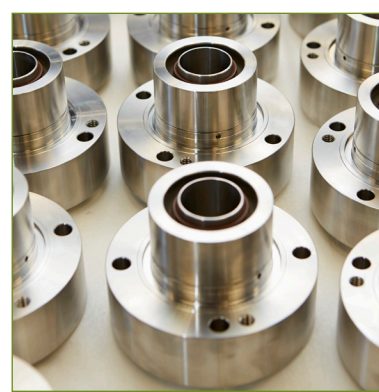
- Seal Optimization for Better Cleaning
- CIP/SIP
- Less Downtime
- Call Us!



WMP Repairs Any Seal Manufacturers Seals

Tired of High Seal Prices & Long Delivery Times?

WHITE MOUNTAIN PROCESS MECHANICAL SEALS



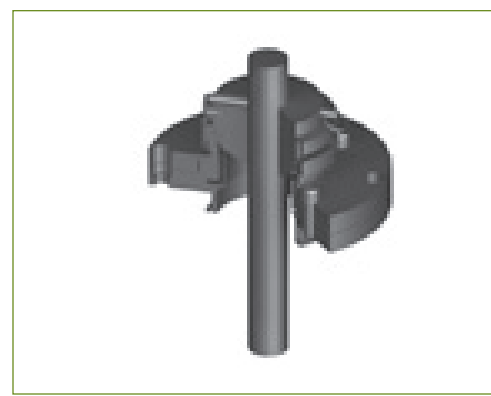
Mechanical Seals for

- Top Entry Mixers
- Side Entry Blenders
- Bottom Mount Mixers
- Pumps
- Reactors

Any Seal ~ Call Us!

Sanitary Mechanical Seal with cGMP Debris Well

- Whisper Quiet
- CIP/SIP
- Repairs & Upgrades
- USP VI Seal Faces / O'Rings
- cGMP Documentation



Mixer Seal Help

- Troubleshooting
- Optimize Seal
- Sterility
- Improve Reliability
- Reduce your Seal Costs



- OEM Seal Replacements Available;
- Submersible Pump Seals
- Condensate and Boiler Feed Pump Seals
- Component and Other Rubber Bellows Seals



Mechanical Seals:

- Sanitary (3A)
- Industrial (Chemical)
- BioPharma (cGMP, USP VI, BPE)
- Made and Serviced in USA

Repair of Mechanical Seals:

for Mixers, Agitators,
Reactors, Blenders, Dryers, Pumps,
and Rotating Equipment FAST
REPAIRS AND SERVICE



- Engineering Design Services Available
- No Cost Failure Analysis
- Lapping and Machining Services
- Pump/Mixer

Shafts and Sleeves Reverse
Engineered and Manufactured
from your Existing Equipment
• All Materials Available

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We repair any mechanical seal and supply new seals to suit.



WHITE MOUNTAIN PROCESS

MIXERS, AGITATORS & BLENDERS 800-737-9619

WWW.WMPROCESS.COM

Failure Analysis

Customer	<input type="text"/>	Seal Manufacturer	<input type="text"/>	Seal Model	<input type="text"/>
Date:	<input type="text"/>	Shaft Size	<input type="text"/>	Cartridge Seal	<input type="checkbox"/>
FA#	<input type="text"/>	Standard Bore	<input type="checkbox"/>	Single Seal	<input type="checkbox"/>
Ref#'s	<input type="text"/>	Enlarged Bore	<input type="checkbox"/>	Double Seal	<input type="checkbox"/>
				Component Seal	<input type="checkbox"/>
				Slotted Gland	<input type="checkbox"/>
				Drilled Bolt Holes	<input type="checkbox"/>

<u>I.B. ROTARY FACE</u>		<u>I.B. STATIONARY FACE</u>		<u>SEAL PARTS</u>			
Seal Ring <input type="checkbox"/>	Insert <input checked="" type="checkbox"/>	Seal Ring <input type="checkbox"/>	Insert <input type="checkbox"/>	Description	Polish	Repair	Replace
<input type="checkbox"/> Carbon	<input type="checkbox"/> Chip/Crack	<input type="checkbox"/> Carbon	<input type="checkbox"/> Chip/Crack	Outer Gland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Antimony Carbon	<input type="checkbox"/> Broken	<input type="checkbox"/> Antimony Carbon	<input type="checkbox"/> Broken	Inner Gland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Tungsten Carbide	<input type="checkbox"/> Missing	<input type="checkbox"/> Tungsten Carbide	<input type="checkbox"/> Missing	Sleeve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Silicon Carbide	<input type="checkbox"/> Heat Checked	<input type="checkbox"/> Silicon Carbide	<input type="checkbox"/> Heat Checked	Collar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Ceramic	<input type="checkbox"/> Worn	<input type="checkbox"/> Ceramic	<input type="checkbox"/> Worn	IB Rot'y Retainer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Grooved/Scored	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Grooved/Scored	IB Stat'y Retainer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Ni-Resist	<input type="checkbox"/> Leached	<input type="checkbox"/> Ni-Resist	<input type="checkbox"/> Leached	OB Rot'y Retainer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Re-lap	<input type="checkbox"/> Irregular Wear	<input type="checkbox"/> Re-lap	<input type="checkbox"/> Irregular Wear	OB Stat'y Retainer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Replace	<input type="checkbox"/> Discolored	<input type="checkbox"/> Replace	<input type="checkbox"/> Discolored	Pumping Ring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> No wear		<input type="checkbox"/> No wear	Anti-Rotation Pin/s	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<u>O.B. ROTARY FACE</u>		<u>O.B. STATIONARY FACE</u>					
Seal Ring <input type="checkbox"/>	Insert <input type="checkbox"/>	Seal Ring <input type="checkbox"/>	Insert <input type="checkbox"/>				
<input type="checkbox"/> Carbon	<input type="checkbox"/> Chip/Crack	<input type="checkbox"/> Carbon	<input type="checkbox"/> Chip/Crack	Multi-Springs			
<input type="checkbox"/> Antimony Carbon	<input type="checkbox"/> Broken	<input type="checkbox"/> Antimony Carbon	<input type="checkbox"/> Broken	Single Spring			
<input type="checkbox"/> Tungsten Carbide	<input type="checkbox"/> Missing	<input type="checkbox"/> Tungsten Carbide	<input type="checkbox"/> Missing	IB Rot'y Bellows			
<input type="checkbox"/> Silicon Carbide	<input type="checkbox"/> Heat Checked	<input type="checkbox"/> Silicon Carbide	<input type="checkbox"/> Heat Checked	OB Rot'y Bellows			
<input type="checkbox"/> Ceramic	<input type="checkbox"/> Worn	<input type="checkbox"/> Ceramic	<input type="checkbox"/> Worn	IB Stat'y Bellows			
<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Grooved/Scored	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Grooved/Scored	OB Stat'y Bellows			
<input type="checkbox"/> Ni-Resist	<input type="checkbox"/> Leached	<input type="checkbox"/> Ni-Resist	<input type="checkbox"/> Leached	Snap Rings			
<input type="checkbox"/> Re-lap	<input type="checkbox"/> Irregular Wear	<input type="checkbox"/> Re-lap	<input type="checkbox"/> Irregular Wear	Setting Clips/Washer			
<input type="checkbox"/> Replace	<input type="checkbox"/> Discolored	<input type="checkbox"/> Replace	<input type="checkbox"/> Discolored	Cup Point Screws			
	<input type="checkbox"/> No wear		<input type="checkbox"/> No wear	Half Dog Screws			

<p>This seal most likely failed due to one or more of the following conditions:</p>					
<input type="checkbox"/> See Notes	<input type="checkbox"/> Radial Runout	<input type="checkbox"/> High Pressure			
<input type="checkbox"/> Installation Issue	<input type="checkbox"/> Lack of Product	<input type="checkbox"/> High Temp			
<input type="checkbox"/> Pump Issue	<input type="checkbox"/> Lack of Barrier Fluid	<input type="checkbox"/> Product Erosion			
<input type="checkbox"/> Application Issue	<input type="checkbox"/> Chemical Attack	<input type="checkbox"/> Reached max seal life			
<input type="checkbox"/> Axial Runout	<input checked="" type="checkbox"/> Vibration	<input type="checkbox"/> Too damaged to conclude			

<p><u>NOTES/COMMENTS</u></p>	<input type="text"/>
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We are only able to determine an approximate mode of failure based on the seal and any information provided. If you have additional parts or information relevant to this seal failure we will be happy to review the information and make additional recommendations.