DR.PUMP
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When the pump fails!

ROTATING MECHANICAL SEAL FAILURE SYMPTOMS

Elastomer – Symptoms:

Explosive decompression

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- Symptoms
  - Explosive decompression (Dieseling)
- Causes
  - Gas contained in the liquid is pressed into the O-ring and embedded there. If the ambient pressure decreases, the included gas expands considerably and causes fractures in the elastomer material
- Types of failure
  - Incorrect application
  - Operation of system
- Solutions
  - Use firmer O-ring material
  - Knowledge about operating the system