

### Application

Gas: Biogas

### Failure Mode

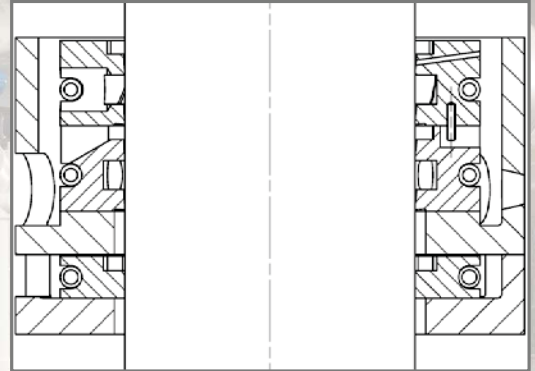
Oil leakage of the standard oil wiper packing.

### Root Cause

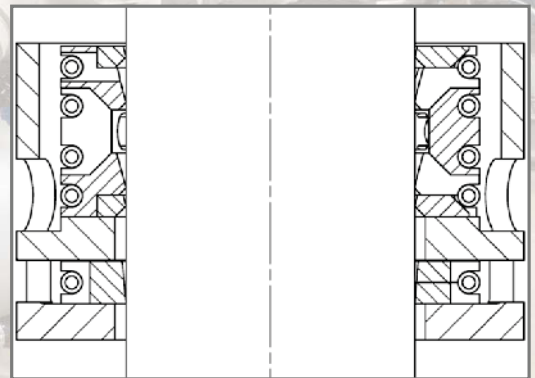
Standard material for wiper packing internals (ZnAlCu – Alloy) was not satisfying in the special application running at high rpm.

### Solution

Development of a new wiper packing concept.  
**Balanced Oil Sealing Solution (BOSS).**  
New wiper ring concept made of PTFE/PEEK-materials.  
Oil leakage was significantly be reduced.



Standard oil wiper packing



New concept BOSS, fitting into the standard case

## FIELD CASE

# Oil Wiper Packing

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