

GEARBOXES

Eliminate Constant Oil Leaks and Continuous Maintenance

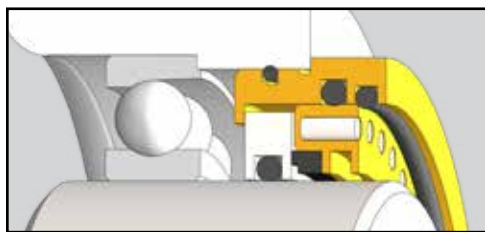
From multiple design configurations and modifications to extreme lubrication environments, gearboxes are one of the most challenging applications to properly and reliably seal. Lip seals are commonly used to seal the bearing housing yet quickly become ineffective, either wearing at the point of contact or grooving the shaft. When lip seals fail, they allow constant lubricant leakage and contamination ingress, damaging the bearings.

Inpro/Seal® offers multiple custom engineered sealing solutions that meet the requirements of your gearbox and its operating environment. Our innovative Bearing Isolators permanently protect against lubricant leakage and contamination ingress, and increase equipment reliability and performance.

GEARBOX BEARING SEAL SOLUTIONS						
	PERMANENT	DOES NOT WEAR QUICKLY	ZERO SHAFT DAMAGE	NO ENERGY CONSUMPTION	SEALS IN BOTH DIRECTIONS	CUSTOM ENGINEERED
INPRO/SEAL BEARING ISOLATORS	✓	✓	✓	✓	✓	✓
LIP SEALS	✗	✗	✗	✗	✗	✗

Oil levels above the shaft:

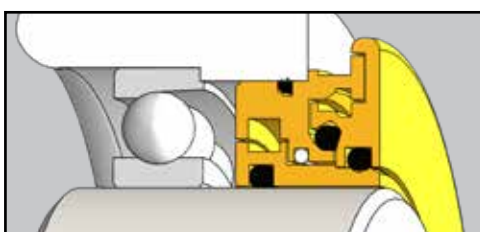
The VBMag® Bearing Isolator utilizes magnetic force to provide maximum bearing protection in flooded or high oil splash bearing conditions.



VBMag Bearing Isolator

Oil levels below the shaft:

The non-contacting Inpro/Seal VB45-U Bearing Isolator provides permanent protection against lubrication loss and contamination ingress.



VB45-U Bearing Isolator

ADVANTAGES

Inpro/Seal Bearing Isolators:

- Decrease maintenance costs and safety concerns by eliminating leakage.
- Are IP66 rated for superior contamination protection.
- Extend the life of the gearbox by increasing bearing reliability.
- Are custom engineered to meet the specifications and operating environment of your equipment.
- Do not groove or damage the shaft.
- Are maintenance free.
- Can be shipped the same day your order is placed for most designs.



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