Desiccant Breather for Industrial Applications

Protects gearbox lube oils and hydraulic oils from moisture and particulate contamination

- Extend the life cycle of your gearbox lube oil
- Minimize component wear, down time and repairs due to moisture or particulates
- Minimize oil oxidation, additive depletion, foaming, and freezing due to moisture
- Maintain targeted ISO cleanliness codes
- Extend MTBF and reduce O&M costs

Features

- **ZEOLITE** adsorbent maximizes water adsorption capacity, less than 100 ppm H₂O
- Optimal flow via diffusion filters
- Multi layer filtration - (2) diffusion filters, activated carbon, 3 μ PTFE filter, 100 μ stainless steel filter
- **ZEOLITE** thermal efficiency (efficient at all temps.)
- Diffusion cap - replaces use of valves to control air flow, allows for long term storage
- Flexibility - 1” slip fit adapters - see adapters brochure
- UV resistant to prevent discoloring
- Oil Mist Coalescer Manifold Adapter (OMCOL)
- Easy visible color indication of spent adsorbent

Advantages

- Cost savings - longer oil life extends oil drain intervals, decrease oil disposal expense, reduce component wear, extend service intervals up to 1 year
- **ZEOLITE** adsorbent - most efficient in ALL temperature conditions
- High efficiency desiccant - (<100 ppm H₂O) (75% ZEOLITE & 25% indicating molecular sieve)
- Long term protection - 1 year MAINTENANCE FREE

![Desiccant Breather Dryers](image)

**ZEOZORB** Series

Desiccant Breather for Industrial Applications

*ZEOLITE* out performs Silica Gel by over 75% at average gearbox operating temperatures, 25°C (77°F)

**Conclusion:**

- **ZEOLITE** adsorsbs 25-30% H₂O by weight between 0-50°C temperature
- Silica Gel adsorsbs only 3-32% H₂O by weight between 0-25°C temperature and essentially stops adsorbing H₂O above 30°C