



NEWS RELEASE

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Des-Case Corporation introduces 'Button Breather'

Small package design broadens application of reservoir breathers

White House, Tenn.-Des-Case Corporation, a leading manufacturer of hygroscopic breathers, has recently introduced the Button Breather™ to its complete line of disposable products. Incorporating one of the industry's smallest case dimensions, the new breather is designed to replace the standard breather cap on small gearboxes and hydraulic reservoirs. The patented design eliminates lubrication system contamination and allows optimal performance of industrial machinery.

"Several Des-Case distributors identified the need for this product in the plants of key customers. Successful beta site tests at Ford North America, Kansas City Power and Light, and Georgia Pacific have led us to this initial product offering," said Jim Waller, president of Des-Case Corporation. "With the addition of the **Button Breather**, Des-Case now has breathers for virtually any size gearbox. This will aid installation on smaller equipment and in tight or confined areas, multiplying the uses for our product."

The body of the Des-Case Button Breather-model **DC-BB** measures 3" tall and 2.75" in diameter and encompasses three layers of protection. These include a knitted polyester filter element to retain particulate matter from incoming air, desiccant beads to **adsorb and remove** water vapors, and a second knitted polyester filter for a final pass as air is drawn into the reservoir or gearbox. As clean, dry air is expelled through the breather, there is a partial regeneration of the desiccant and extension of the period before replacement is necessary.

The unit retains particulate matter down to 3 microns absolute (74 percent efficient at 0.5 micron), a level which exceeds most industry standards and provides the protection necessary to ensure

maximum component life and system performance. Airflow rating for the Button Breather is 3.5 cubic feet per minute.

To ease in maintenance, the desiccant stack-visible through clear openings in the housing-gradually changes color from blue to pale pink indicating the need to replace the unit. The recommended usage is up to six months or 4000 operating hours, however this varies depending on the application.

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The cost-effective disposable units are constructed of environmentally safe, durable plastic components designed to withstand customary abuse associated with heavy manufacturing equipment. A threaded 3/8" standpipe offers a quick and easy replacement of factory installed breather caps.

"Standard breathers do not protect equipment like the **Des-Case breather**, " added Waller. "Our breathers eliminate water, rust, sludge and other particles-prolonging the operating life of industrial machinery. With 75 percent of system failures resulting from contaminated fluid, the benefits far outweigh the cost."

Serving the needs of industry for nearly two decades, Des-Case is a leading global provider of hygroscopic breathers for a wide range of applications. Headquartered in White House, Tenn., the company has a worldwide distribution network.

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