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## News Release

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### **Des-Case Corporation broadens disposable breather line *DC-1 complements existing products, offers options for smaller applications***

*White House, Tenn.*-Des-Case Corporation, a leading supplier of desiccant breathers to the hydraulics industry, has recently introduced model [DC-1](#) to its product base. The [DC-1](#) was designed for contamination control on small gearboxes and hydraulic reservoirs and replaces the standard breather cap on these units.

"Our [breathers](#) incorporate a unique filtration process that provides much needed protection that you do not get in a standard breather cap," said Jim Waller, president of Des-Case Corporation.

The patented design prevents water and particulate from entering the fluid-containing reservoir, eliminating lubrication failure and extending the life of both the lubricants and the machinery.

A major feature of the new product is its size. At 5" tall and 2.75" diameter, the [DC-1](#) is a step up from the recently released [Des-Case Button Breather](#). It was designed for those who need a slightly increased adsorption capacity, but still have tight or confined installation areas.

The units are constructed of durable, shock-absorbing plastic components and incorporate a [three-step filtration process](#). The first layer of protection is a knitted polyester filter element, which retains particulate matter from incoming air. Air then passes through desiccant beads that adsorb and remove water vapors. As air is drawn into the reservoir or gearbox, it passes through a final polyester filter element.

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The unit retains particulate matter down to 3 microns (74 percent efficient at 0.5 micron). This level surpasses most industry standards and provides the protection necessary for maximum system performance. Airflow rating for the [DC-1](#) is 3.5 cubic feet per minute.

Installation and service of the [DC-1](#) is easy. A threaded 3/8" female standpipe matches that of most factory-installed breather caps for a simple screw-in replacement. The silica gel-visible through a clear housing-gradually changes color from blue to pale pink indicating the breather is no longer active and must be replaced. Typical life expectancy is up to six months or 4000 operating hours, however this varies greatly depending on the application and operating environment. All components are environmentally safe and fully disposable as solid waste.

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

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