

Donaldson T.R.A.P.™ Breathers

Deliver hydraulic system protection and reduce downtime

INDUSTRY: Power Generation

PROBLEM: Short life of desiccant breathers and associated downtime

SOLUTION: Donaldson T.R.A.P.™ Breather – performing around-the-clock 12 months straight and still going!



A coal-fired power plant in northeast Florida made the switch from desiccant filters to T.R.A.P. breathers from Donaldson and saw a significant increase in filter life.

A coal-fired power plant in northeast Florida is always looking for a better way to protect its equipment and reduce downtime. The desiccant breathers that this around-the-clock operating facility was using to keep water and dirt out of its gearboxes required frequent change-outs.

Gearboxes in the hot, humid air of the southeastern United States need robust and reliable protection against atmospheric moisture. The plant needed a breather that would work better and last longer than the desiccant breathers they were using. The plant's Predictive Maintenance Technician (PdM Tech) found a solution in Donaldson's T.R.A.P. breather – an advanced breather technology from Donaldson that provides unbeatable system protection and lasts longer. By installing T.R.A.P. breather filters on its gearboxes last February, the power plant has extended breather filter life by over 50%.

“We test our oil frequently, our current breathers are working well, but the T.R.A.P. breathers are working longer,” says the PdM Tech.

Unlike desiccant breathers that absorb and hold moisture resulting in shorter life, Donaldson's Thermally Reactive Advanced Protection (T.R.A.P.) senses and begins to remove moisture at only 15% RELATIVE HUMIDITY. Unlike desiccant breathers that require frequent change-outs, T.R.A.P. breather exhales moisture with every flow cycle, regenerating its water-holding capacity and resulting in longer breather life.○

T.R.A.P. Breather...
**Moisture meets
its match.™**

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Donaldson Company, Inc.
Industrial Hydraulics
P.O. Box 1299
Minneapolis, MN
55440-1299 U.S.A.

Tel 800.846.1846
hydraulicfilters@mail.donaldson.com
www.donaldson.com

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