



Service Quality Innovation



Why Total System Cleanliness is Critical for Equipment Performance and Reliability

A TTI Education Corner Article

When it comes to operating machinery and equipment, one of the most important factors in maintaining reliable performance is doing predictive maintenance and ensuring total system cleanliness. Even minor contaminants in hydraulic fluids, lubricants, and other system components can cause excessive wear and damage, leading to reduced equipment life, increased maintenance costs, and costly downtime. At Todd Technologies Inc. (TTI), we offer a range of desiccant breather and filtration products to help our customers maintain total system cleanliness, reduce wear on their equipment, lower operating costs and costly repairs, and extend the life of equipment.

Desiccant Breather and Filtration Products

TTI's desiccant breather and filtration products are designed to cater to various industries, including energy, general industrial equipment, manufacturing, and hydraulics. These products are engineered to reduce wear on equipment, lower operating costs, reduce unplanned downtime, and extend the life of machines. TTI's product quality is exceptional compared to all their competitors, making them the best overall value in the industry.

Hydraulic Tank Breather

Moisture removal is an essential process in maintaining and extending the service life of hydraulic fluids. TTI's proven technologies remove excess moisture in hydraulic fluids, reducing unplanned downtime. The hydraulic tank breather is an essential

component of hydraulic systems that utilize tanks, fluid reservoirs, and other system components. Harmful moisture removal is a critical step in maintaining and extending the service life of hydraulic fluids.

Power Generation

Continuous equipment performance is critical in power generation operations, such as coal-fired power plants. These systems and their equipment must perform continuously, and gearbox lubricants play an essential role in keeping the equipment running efficiently. TTI's product solutions help improve lubricant purity while extending equipment service life, reducing the chances of unplanned downtime.

General Industrial

Manufacturing industries such as petrochemical, refineries, steel and aluminum, mining, and pulp and paper are pivotal sectors for providing key products globally. Maintaining smooth operations is crucial, and TTI's product portfolio helps these key sectors avoid unnecessary or unexpected shutdowns by keeping process equipment in operation.

Contact TTI

Total system cleanliness is critical for equipment performance and reliability, reducing operating costs, and extending the lifespan of machines. Todd Technologies Inc. (TTI) provides state-of-the-art desiccant breather and filtration products that cater to a wide variety of industries, offering solutions to problem applications. TTI's products reduce wear on equipment, lower operating and repair costs, reduce production downtime and component failure, and extend the life of machines. Contact TTI to learn more about our cost-saving benefits and how we can help your business achieve total system cleanliness.

TTI, Your Total System Cleanliness Provider

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PowerGuard™ Filter Elements**](#)

[**Click Here to Learn More About TTI's
PowerBreather™ Desiccant Breathers**](#)

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