Centrifugal Oil Filters

Our centrifugal oil filter uses micro-fiberglass, the same highly effective material used in the aerospace industry.

**Centrifugal Filter Construction**

- Dual-faced micro-fiberglass multi-depth prefilter capacity layer
- Dual-faced micro-fiberglass multi-depth efficiency layer
- Diffuser/Support Layer
- Downstream Support Layer
- Upstream Support Layer

**Optimize Your Equipment Performance**

An oil filter removes contaminants (debris, dirt, etc.) from the compressor’s lubricating oil. The lubricant is what sustains the pinion when it is working at its maximum speed, so it must be as clean as possible to avoid any varnish formation and damage to the pinion and bearings.

Most oil filters look the same, enclosed in a metal cover. However, you cannot see the most important element from the outside, the filtration media. To save money, some manufacturers use cellulose media. Cellulose media is not adequate to be used with hydrostatically squeeze film viscous dampened bearings.

Our oil filters are made with 2 layers—a micro-fiberglass layer along with a diffuser/support layer—to assure that the filter captures all particulates effectively. This is the same technology used in the aerospace industry for the oil in hydraulic control systems and turbines. We recommend changing the lubricant after 16,000 hours or 2 years of operation, to prolong component life and help guarantee reliable compressor operation.

*Remember to test your lubricant with TurboTrac™ every 3 months.*
Your Trusted Partner in Compressed Air.

Optimize your total cost of ownership, while maximizing reliability, efficiency and productivity with our full complement of services that span the entire lifecycle of your compressed air system.

Compressed Air Systems Lifecycle

INSTALL
- Commissioning
- Piping
- Power Management
- Condensate Management
- System Components

DESIGN
- System Design
- Engineering
- Air Distribution Configurations
- Modeling and Simulation

MAINTAIN
- Comprehensive Service Plans
- Genuine Replacement Parts
- Global Technical Support
- 24/7 Service Availability
- Factory Certified Technicians

OPERATE
- Rental Solutions
- Controls
- Remote Connectivity
- System Health Monitoring
- Air as a Utility – Contract Air

OPTIMIZE
- System Assessments
- Advanced System Controls
- System Leak Assessments
- Modeling and Simulation
- Service Technology Tools

EXTEND
- Remanufactured Equipment
- Performance Upgrades
- System Modifications

CARE Maintenance Programs | RELIABILITY FOR LIFE
Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing an Ingersoll Rand CARE maintenance service program — from full risk transfer to routine maintenance or parts coverage — you are investing in your future with a trusted global partner.

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, and increase industrial productivity and efficiency. We are a $13 billion global business committed to a world of sustainable progress and enduring results.

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