



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



⚠ WARNING: The products described in this catalog can expose you to chemicals including Diisononyl phthalate, Carbon black, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Lubrication Filtration Systems

Lube Oil, Hydraulic Fluid, Transmission Fluid,
and Fluid Conditioning Monitors



THOMAS GROUP
WE KNOW DIESEL

ENGINEERING YOUR SUCCESS.

Engine Lube Oil Capabilities

Leading The Way



Racor is a Leading Global Supplier of Fuel, Oil, Air, and CCV Filtration

System Innovation:

- A new generation of engineered lube filters to meet the requirements of today's oil-controlled components, such as injectors and turbochargers.
- Racor media provides the uncompromising, high level of fluid cleanliness needed to achieve operating efficiency and reach service life.
- Environmentally-friendly cartridge oil filters are crushable, incinerable and cost-effective to replace.

Application Solutions:

- The top-load oil conditioning module is a prime example of value-added Racor engineering that tailors a filtration system to a specific application.

Proactive to Industry Changes:

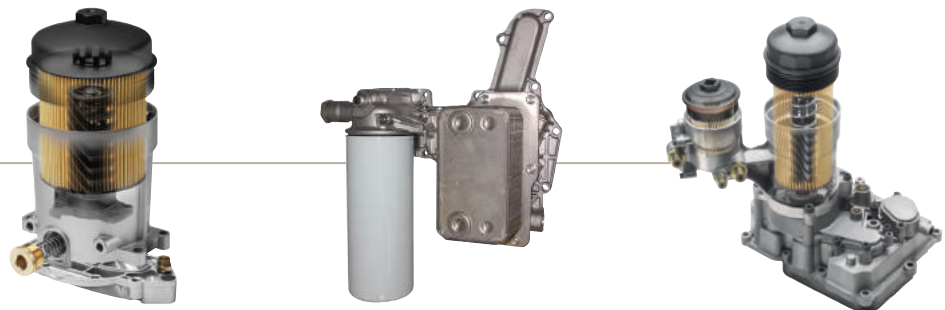
- New emissions Standards.
- New engine requirements.
- Multiple applications for engine platforms.
- Voice of the customer.

Next Generation Supplier:

- Racor takes pride in providing oil filtration solutions that save our customer maintenance cost and downtime. Over 40 years of listening to the voice of the customer has earned Racor the position as a trusted partner.

Quality First Construction:

- Cartridge and Spin-on.
- Multiple functions in one module.
- Engineered cellulose and synthetic media.
- Meets or exceeds OE specifications.
- Detailed attention to produce superior strength to protect from pressure fatigue.



Why trust your investment to anything else?

Lube Oil Systems For Original Equipment Manufactures

Full Flow Spin-on Oil Conditioning Modules

Racor lube oil systems are a combination of engineered media designed to provide the best performance, efficiency and dirt handling capacity, with the lowest pressure loss through the system.

Racor's engineering doesn't stop with just a filter. The system design capability of Racor, combines performance with a modular concept, adds cost reduction, value, reliability to performance all into

one package. With a Racor "system package" multiple components are trimmed down to one reliable source, Parker Racor.

Full Flow Top-load Oil Conditioning Modules

A permanent assembly houses both the Racor top-load oil filter and top-load fuel filter. The top-load filters meet the requirements of today's oil-controlled, high pressure fuel injection systems. Racor media meets the variable geometry and variable nozzle turbocharger requirements. An uncompromising, high level of fluid cleanliness is needed to achieve operating efficiency and reach service life. The environmentally-friendly cartridge oil filters are crushable, incinerable and cost-effective to replace.

Filter service is from the top of the module and skin contact is minimal due to the unique screw top cap and oil element attachment. The permanent assembly is customized with a patented automatic drain that allows oil to drain back into the sump when the engine is turned off and the screw top cap is removed for service. This Racor-engineered feature eliminates the waste oil that is left in a standard spin-on filter and thrown away during a filter change. The top-load oil conditioning module is a prime

example of value-added Racor engineering that tailors a filtration system to a specific engine working in a broad range of environments. Development includes detailed analysis of the engine's filtration requirements, change intervals, available mounting space and a cost analysis of the entire program. Racor's investment in rapid prototype equipment provides fit-up assemblies to facilitate the development process.

Engineered Filter Media

Just as replacement filters are the heart of a filtration system, so is media research and development. It is the heart of Racor engineering programs world-wide. In oil, the development programs are equally ambitious and testing equally rigorous.

Parker's state-of-the-art laboratories provide the comprehensive test results needed to ensure that filtration systems meet performance specifications.

Tests are conducted on ISO and SAE certified test equipment, including an electronically-monitored engine dynamometer to ensure accurate documentation of the results.

Racor engineering research is continuously focused on the latest technology in oil filter media development. Laboratory tests have proven up to 40% higher efficiency with Racor oil filter media versus competitive oil filters (ISO 4548-12 Test Procedure).

Stop.

Contain.

Reduce.



Worldwide Filtration Manufacturing Locations

North America

Compressed Air Treatment

Gas Separation & Filtration Division

Airtek/Finite/domnick hunter/Zander
Lancaster, NY
716 686 6400
www.parker.com/faf

Balston
Haverhill, MA
978 858 0505
www.parker.com/balston

Engine Filtration

Racor

Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

Hydraulic Filtration

Hydraulic & Fuel Filtration

Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

Velcon
Colorado Springs, CO
719 531 5855
www.velcon.com

Process Filtration

domnick hunter Process Filtration SciLog

Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Water Purification

Village Marine, Sea Recovery, Horizon Reverse Osmosis

Carson, CA
310 637 3400
www.parker.com/watermakers

Europe

Compressed Air Treatment

domnick hunter Filtration & Separation

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Process Filtration

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