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).
Worldwide Filtration Manufacturing Locations

North America
Compressed Air Treatment
Gas Separation & Filtration Division
Airtek/Finite/dominck hunter/Zander
Lancaster, NY
716 686 6400
www.parker.com/faf

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

Engine Filtration
Racer
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
dominck 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
dominck hunter Filtration & Separation
Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfns

Parker Gas Separations
Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfns

Hirox Zander
Essen, Germany
+49 2054 9340
www.parker.com/hzfd

Padova, Italy
+39 049 9712 111
www.parker.com/hzfd

Engine Filtration & Water Purification
Racer
Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rafde

Racer Research & Development
Stuttgart, Germany
+49 (0)11 7071 290-10

Hydraulic Filtration
Hydraulic Filter
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

Urgel, Finland
+358 20 753 2500

Condition Monitoring
Parker Kittiwake
West Sussex, England
+44 (0) 1903 731 470
www.kittiwake.com

Process Filtration
dominck hunter Process Filtration
Parker Twin Filter BV
Birtley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

Asia Pacific
Australia
Castle Hill, Australia
+61 2 9634 7777
www.parker.com/australia

China
Shanghai, China
+86 21 5031 2525
www.parker.com/china

India
Chennai, India
+91 22 4391 0700
www.parker.com/india

Parker Fowler
Bangalore, India
+91 80 2783 6794
www.johnfowlerindia.com

Japan
Tokyo, Japan
+81 45 870 1522
www.parker.com/japan

Korea
Hwaseon-City
+82 31 359 0782
www.parker.com/korea

Singapore
Jurong Town, Singapore
+65 6887 6300
www.parker.com/singapore

Thailand
Bangkok, Thailand
+66 2186 7000
www.parker.com/thailand

Latin America
Parker Comercio Ltda.
Filtration Division
Sao Paulo, Brazil
+55 12 4009 3500
www.parker.com/br

Pan American Division
Miami, FL
305 470 8800
www.parker.com/panam

Africa
Aeroport Kempton Park, South Africa
+27 11 9610700
www.parker.com/africa

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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.