

OIL FILTER

THE MOST INNOVATIVE
FILTERING SYSTEMS



EXCO FILTERS HAS DEVELOPED NEW SOLUTIONS FOR OIL FILTERING, INVOLVING SYNTHETIC FIBERS OR CELLULOSE AND RESIN, TO HANDLE THE LATEST PROBLEMS CREATED BY:

NEW "LONG LIFE" OILS
THE PRESENCE OF SOOT AND BIO-DIESEL IN THE OIL
NEW ADDITIVES TO INCREASE THE LUBRICATING EFFECT OF THE OILS
MINERAL AND NON-MINERAL OILS AND THEIR DEGRADATION AND CONTAMINATION

EXCO OIL FILTERS OFFER THE SAME QUALITY AS THE ORIGINAL SYSTEM PRODUCT

EXCO GUARANTEE OPTIMUM FILTERING EFFICIENCY AND CAN PREVENT THE CLOGGING OF THE FILTER.

THE DIFFERENCE IS IN THE DETAIL

Many filters may look very similar at first glance. But take a closer look and you will see significant differences in quality.

This filter guide helps you to explain to your customers exactly where the differences and why it is so important to use EXCO products.

We show you why some filters lack staying power and can't deliver what they promise and why EXCO FILTER should always be the number one choice



EXCO OE QUALITY



FILTER MEDIA

- ⊕ Optimum pleat geometry for a minimum differential pressure
- ⊕ High dust holding capacity
- ⊕ Maximum filtration performance through top quality materials
- ⊕ Long service life
- ⊕ Special embossing processes provide uniform pleat spacing and thus maximum filtration performance
- ⊕ High mechanical durability
- ⊕ Filter media adapted to suit the specific application



GASKET

- ⊕ Designed to withstand the unique chemical properties of fluids
- ⊕ Optimum sealing quality
- ⊕ Complete seal during the entire service interval
- ⊕ Gasket Filter cannot loosen when the engine is running



SCREW CAP

- ⊕ Fully tucked seams provide added strength and durability.
- ⊕ A Thread clean-finished surface for superior initial cleanliness and corrosion resistance.
- ⊕ Easy assembly and disassembly
- ⊕ Firmly moulded base of gasket creates a secure fit
- ⊕ Precisely fitting thread



POOR QUALITY



FILTER MEDIA

- ⊖ Small filter surface area through irregular pleat spacing
- ⊖ Reduced dust holding capacity. Unfiltered oil can thus flow through the bypass valve within a short period
- ⊖ Poor filtration performance through inferior quality materials Short service life
- ⊖ Inadequate separation performance
- ⊖ Only standard filter media for all applications

GASKET

- ⊖ Produced from inferior materials Inadequate seal
- ⊖ Possible loosening of filter when the engine is running
- ⊖ Possible loss of oil

SCREW CAP

- ⊖ Inaccurately machined thread
- ⊖ Possibly difficult to mount
- ⊖ Inaccurately moulded base of gasket
- ⊖ Possible loss of seal
- ⊖ Possible loss of oil

Based in the USA, EXCO has an excellent research and development team, an expert technical team, a qualified overseas sales team, and a seamless after-sales service system. Our team will work hard to satisfy our clients' expectations

UNIQUE OIL FILTRATION SOLUTIONS GLOBAL CAPABILITIES

EXCO FACILITIES ARE ISO/TS CERTIFIED



FILTRATION PERFORMANCE TESTING

- ISO, SAE, NFPA
- Customer standards
- Contaminant (particle or water) removal efficiency
- Contaminant capacity

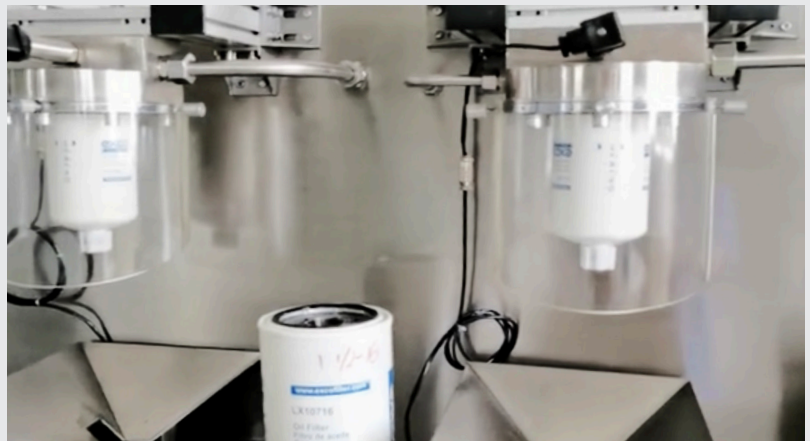


TENSILE COMPRESSION

- Used to test material, component and assembly properties

Environmental Chambers

- Allows testing at hot or cold temperature, with humidity control



FLOW TEST BENCHES

- Allows measurement of static and dynamic flow and restriction for a device
- Allows calculation of device
- Restriction at varying flows and temperatures
- System simulation

STRUCTURAL ANALYSIS

- Per SAE, ISO, and NFPA standards
- Burst
- Collapse
- Pressure impulse and fatigue



INNER SPRING

Heavy duty coil spring seals the grommet between the baffle plate and underside of the filter.

NANOEXCOPRO[®] MEDIA PAPER

Synthetic media for high efficient Oil filtration and engine protection

INNER TUBE

Rugged, spiral wound construction allows efficient fluid flow without compromising collapse strength.

E-COATED END CAPS

E-coating creates a clean, corrosion resistant surface with a high strength bond to the filter media.

GASKETS

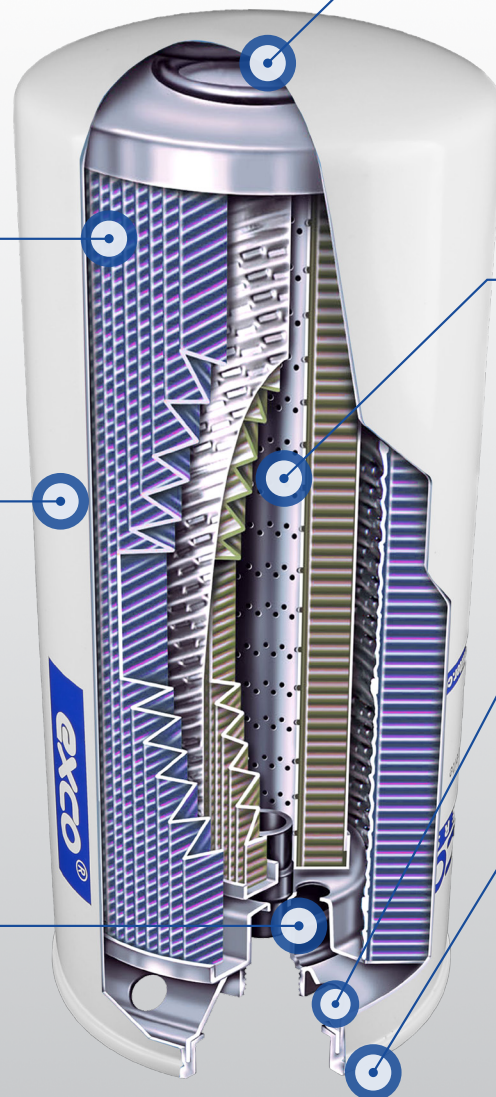
Designed to withstand the unique chemical properties of fluids (oil, fuel or coolant).

TREATED BAFFLE

A clean-finished surface for superior initial cleanliness and corrosion resistance.

SEAM

Fully tucked seams provide added strength and durability.





EXCO FILTER

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