



CLEAN OIL  
BRIGHT IDEAS

# EL 27/27

## CJC™ Ion Exchange Insert

### CJC™ Product Sheet

#### APPLICATION

The **CJC™ Insert EL 27/27** is used in CJC™ Fine Filters and ideal for reduction of the neutralisation number of, for example:

- HFD-Fluids (Phosphoric Ester)
- Transformer oils (Insulating oils)
- Crankcase lube oils (gas engines)

#### FILTRATION CAPABILITY

##### • Neutralisation Capacity

The CJC™ EL 27/27 Insert neutralise acidic components in the fluid created by hydrolysis caused by high thermal load or water contamination.

These components in the operating fluid not only lead to corrosion, deposits and reduced lubricity but also function as a catalyst and accelerate further oxidation and acidification of the fluid.

For HFD-Fluids a maximum neutralisation number of 0.5 is recommended.

Neutralisation number: indicating the amount of potassic hydroxide (KOH) in mg necessary for binding the free acids contained in 1 g of the fluid.

**Neutralisation capacity of an EL 27/27**  
(approximate values):

- 0.08 with 1,000 litres fluid**
- 0.04 with 2,000 litres fluid**
- 0.02 with 4,000 litres fluid**

#### DIMENSIONS

The figures below are nominal:

- Diameter: 27 cm
- Height: 27 cm

#### COMPONENTS

The CJC™ Insert EL 27/27 consists of a bag of polyester needlefelt filled with 6 kg ion exchange resin.



*The CJC™ Insert EL 27/27*

#### IDENTIFICATION

To order the EL 27/27 Insert, please use:

##### **Article No.:**

1 x 27/27: PD5600608