



OIL MAINTENANCE

# A 27/27

## CJC™ Off-line Filter Insert

### CJC™ Product Sheet

#### APPLICATION

The CJC™ A 27/27 Filter Insert is ideal for the fine filtration of mineral based

- engine lube oils
- hydraulic oils
- gear oils
- honing oils
- quenching oils

#### FILTRATION CAPABILITY

All CJC™ Filter Inserts have a filtration degree of 3 µm (micron) absolute (equiv. to 0.8 µm nominal) i.e. 98.7% of all solid particles >3 µm and approximately 50% of all particles >0.8 µm are retained in each pass.

The dirt holding capacity of an A 27/27 Insert is 4,0 litres of evenly distributed solids.

The water absorption potential is up to 50% (i.e. 2,000 mL H<sub>2</sub>O) of the total contaminant holding capacity.

#### DIMENSIONS

The figures below are nominal:

Diameter: 27 cm  
Height: 27 cm

#### COMPONENT

CJC™ Filter Inserts type A consist of bonded discs. Main ingredient is wood cellulose.

#### IDENTIFICATION

To order the A 27/27 Filter Insert, please use:

##### Article Nos

1 x 27/27: PA5600317  
2 x 27/27: PA5600318



CJC™ A 27/27 Filter Insert.

The anticipated increase in differential pressure ( $\Delta P$ ), measured in bar, across one new A 27/27 Filter Insert is:

| Differential Pressure ( $\Delta P$ ), in bar |                |      |      |      |      |
|--|----------------|------|------|------|------|
| Flow rate,<br>L/h                            | Viscosity, cSt |      |      |      |      |
|  | 10             | 26   | 50   | 100  | 150  |
| 60   | 0.02           | 0.08 | 0.17 | 0.25 | 0.80 |
| 90   | 0.05           | 0.10 | 0.30 | 0.40 | 1.00 |
| 120  | 0.05           | 0.15 | 0.48 | 0.75 | 1.40 |
| 200  | 0.05           | 0.34 | 0.76 | 1.30 | N/A  |

To calculate the differential pressure across several Filter Inserts, divide the differential pressure reading from the table with the number of Filter Inserts in a filter housing.