

# Dylyn<sup>®</sup>/DLC for plastic injection

## ■ Caps & Closures

### Thread cores

for beverage bottles, nail varnish and other

#### Before:

WCC-coating with grease

- Poor wear protection (galling)
- Coating adhesion problems due to oxidation of Cu-based material
- May need post polishing to make coating work
- Black particle contamination may occur during initial start up

#### After:

#### DLC/Dylyn<sup>®</sup> 180 without grease

- After more than a year and over 9 Mio. shots – still no visible wear!!
- No loss of coating due to oxidation protection
- No post polishing necessary
- No break in period – no black particle contamination



### Ejector sleeves

for food packaging closures

#### Before:

WCC-coating with grease

- Not meeting life goals
- Black particle contamination may occur during initial start up

#### After:

#### Dylyn<sup>®</sup>/DLC without grease:

- Still no wear after 4 Mio. shots
- No break in period – no black particle contamination