

DYLYN®/DLC for plastic injection

■ Caps & Closures

Thread cores made of CuBe-material for caps of beverage bottles

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

Now: DLC/DYLYN® 360 (A) 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

Now: DYLYN®/DLC without grease

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

