



Customer : Pulp and paper industry  
Product group : Sealing and Rubber Technology  
Market : Primary industry / pulp and paper  
Application : Carrara N1706 bearing  
Savings : € 6,700

## NEW WHITE SEAL PREVENTS LEAKS IN THE PULP AND PAPER INDUSTRY

Seal with better properties than aramid saves energy



### CHALLENGE

The pulp and paper industry is regularly confronted with leaks involving spills of abrasive liquids. The dynamic seal that is often used to seal these leaks is not the best possible solution for the pulp and paper industry.

Aramid fibres have a low chemical resistance (pH 3-12). Aramid's friction coefficient must be reduced in order to avoid damage to the shaft. There was as yet no white seal with the same mechanical resistance as aramid for use in paper mills.

### SOLUTION

The new Carrara N1706 Dinacomb Evolution is a white seal with a high mechanical resistance, just like aramid. However, its chemical resistance is better than aramid (pH 1-13). A solid lubricant improves sliding and reduces the friction coefficient.

### SAVINGS

- € 6,700

### OTHER BENEFITS

- Engine energy savings.
- Shaft no longer needs to be overhauled.