

# Vesconite Greaseless Bushes Brick & Block Making Machines



Vesconite and Vesconite Hilube are ideal bushing materials to be used in critical brick and block making machines.

- Low friction
- No swell
- Low maintenance
- Longest life to bush and shaft

## Vesconite – better than...

**Bronze** – Bronze bushes need to be lubricated and do not work well in moist and dirty conditions. Vesconite is self lubricating and gives low wear even in moist dirty or poorly lubricated applications.

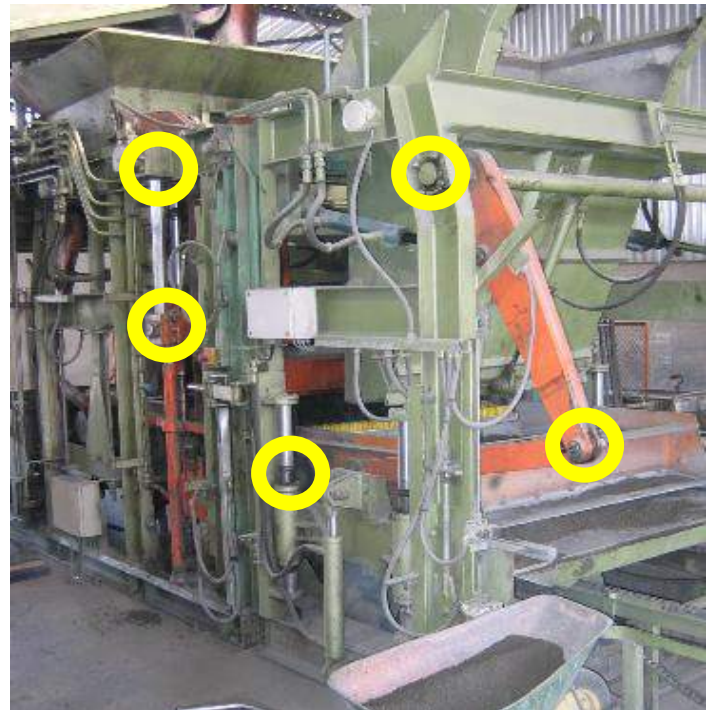
**Nylon** – Nylon bushes swell in the wet and require large clearances to avoid seizure. Nylon bushes wear expensive shafts. Vesconite does not swell in moist conditions and can safely be designed to close clearances giving a stable shaft. Vesconite does not wear expensive shafts.

## Vesconite bushes in brickmaking machines.

**Vesconite** is suited to applications that carry high loads at low speeds. These include **pivot bushings** and **linear bearings**.

Moulds and tampers operate usually on **linear bushings**. These bushes are required to run smoothly on chromed shafts. Vesconite and especially Vesconite Hilube has a low friction and no stick-slip which reduces vibration in the moulds. Bushings are exposed to cement and water.

Machines have a variety of **pivot bushings** - high loads with oscillating motion. Bronze bushings are generally not well lubricated and wear fast in these poorly lubricated conditions. Self lubricating Vesconite offers a longer life with lower maintenance.



Call me to discuss your applications

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## Vesconite's properties that are useful to you

**Low friction** – This leads to long bearing life and no stick-slip

**High load capacity** – Vesconite can take high loads without deformation.

**No swell** – Close clearances can be maintained without the fear of seizure.

**Internally lubricated** – Less greasing is required. In a dirty environment grease can trap dirt and dust which significantly increases wear to bush and shaft.

Vesconite reduces or eliminates the need for grease.



Vesconite used in Roller Crushers. Even under moderate impact loads Vesconite performs in this dirty and dusty application

### Screw Conveyor Hangar Bearings

Hangar bearings are subjected to very dirty and abrasive conditions.

Lubrication is usually not possible as this contaminates the product – self lubricating bushing materials are required.

**Vesconite Hilube** can be used in dry cement screw conveyors.

**Hitemp 150** should be considered in highly abrasive or hot applications.



### Vescolene UltraBlack rope guides



### Drying kiln bogie bushes

Vesconite Hilube is used on low temperature applications and Hitemp 150 in high temperature applications. Long life with low maintenance.



## APPLICATION INFORMATION – Fax to +27 (0) 11 616 22 22

Outside diameter		Inside diameter		Bush length	
Load (kg)		No of bushes		Temperature	
Current material				Lubrication	

Name		Company	
Phone		Email address	