Lubricants for Aluminium Extrusion

Our extensive experience in the aluminium extrusion sector have allowed us to develop competitively priced products to meet the demands of our customers. Benefits include:-

- **Maximum efficiency through a reduced coefficient of friction**
- **Reduced energy consumption and associated costs**
- **Reduced maintenance costs**
- **Reduced wear and prolonged machine life**

Please contact us for further details about the products detailed below and other products for your industry.

**BESTRIL 243** is a product with special additives for use as pure lubricant for the cutting of aluminium profiles and bars. It can be applied to the teeth surfaces of the finishing saw. Additionally it is recommended as a lubricant for continuously moving chains. **BESTRIL 243** does not produce fumes during the cutting of aluminium profiles.

**FLUID BES 710** is a fluid oil developed for aluminium extrusion & is especially suitable for spraying systems. The product was developed to be compatible with the annealing process of aluminium & does not stain the material during thermal processing.

**BESTRIL 2091** and **BESTRIL 2095** are a Boron nitride in water dispersion. They are specially intended for the anti-adherent treatment of the front surfaces of aluminium slabs or the pistons during extrusion of profiles. They can be used as an anti-adherent for wire cutters in aluminium cutting and also in aluminium casting as an anti-adherent for ingots/ billets. They allow the removal of aluminium pieces from the extrusion machine piston.

**BESTRIL 2091** or **BESTRIL 2095** is applied to the die face to facilitate the efficient and clean entry of the hot billet. Dummy block & die face lubrication application is usually done by air spray system.

Various lubricants are required for the processes including:-

- Products for the lubrication and cleaning preparation for the extrusion die face and dummy for aluminium profiles.
- Cutting fluids for use on the teeth surfaces of the finishing or profiles saw (rotary disc type cutters). These minimise contamination of the profile while maintaining maximum cutting efficiency.

Approved supplier to

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