



CONTINUOUS SHEET CASTING LUBRICANTS

Due to its many economic advantages the continuous casting of aluminium has become more and more important during the last 40 years. These processes are mostly used for the production of a semifabricated strip, for cold rolling to foilstock building sheet and canstock. They are also used to cast endless wire bar stock. Continuous casting processes converts molten aluminium alloys directly into an endless coiled strip suitable for cold rolling or wire-bars for wire-drawing. They effectively eliminate the operations associated with traditional mould casting (discontinuous process) or D.C. casting (a semi continuous process) and subsequent hot mill deformation. Therefore the capital investment and operational costs are significantly lower than in a conventional production process. Continuous casting is the preferred casting method in many modern plants because it offers higher productivity. Continuous casting has been employed with increasing commercial success for aluminium as well as other metals.

The following lubricants are recommended for Continuous Sheet Casting applications

Water Base							
PRODUCT	Specific Gravity (gms/cc)	Lubricant	Particle size Microns	Viscosity (CPS at 25°C)	Diluent	Application	Packing (Kgs)
LUBRICOTE-Z 54	1.00-1.07	Graphite	1- 3	Paste	Water	For continuous sheet casting of Aluminium. Apply on upper and lower caster rolls by continuous automatic spray system.	25 200