



ZELLER+GMELIN

Multiroll

Lubricants for continuous copper cast rod



Multiroll – Lubricants for continuous copper cast rod

Zeller+Gmelin provides the excellent standard of refinement incorporated in the high-performance cooling lubricants used throughout the world under the brand name of Multiroll.

This is the result of continuous research and development. So we are able to offer the full range of lubricants for continuous copper cast rod.

Multiroll CU Belt

is a fully synthetic release agent for the twin-belt in copper bar casting machines. The product provides an excellent wear protection for the twin-belt and prevents the copper surface from sticking to the belt.

Multiroll CU LF Special

is a fully synthetic, water-miscible cooling lubricant for cooling and lubrication of rollers while the manufacturing of continuous cast wire rods. Its usage enables a long roller lifetime due to the excellent lubricity and a super low foam tendency.

Multiroll CU LF Ultra

is a fully synthetic, water-miscible cooling lubricant for cooling and lubrication of rollers while the manufacturing of continuous cast wire rods. Especially developed with a superb low foaming tendency for susceptible machinery.

Multiroll Additive R

is a substitute for isopropanol and ethanol with a low evaporation rate for the Multiroll CU LF – series. At least it can be used as an additive to reduce the needed alcohol amount. This alternative reduces the formation of oxides for a bright and shiny rod surface.

Recommended working concentration:

100%

Roughing mill:
1.5% – 2.5%
Finishing mill:
2.5% – 4.0%

Roughing mill:
1.5% – 2.5%
Finishing mill:
2.5% – 4.0%

0.5% – 3.0%

Multiroll Coating

is a water-dilutable wax emulsion for excellent surface protection of continuous cast wire rod.

Multiroll Coating Special

is a water-dilutable wax emulsion for good surface protection of continuous cast wire rod. The product creates a thinner protection layer on the rod surface compared to Multiroll Coating. This prevents the coils from sliding during transport.

Multiroll Wet 7023

is an additive for the Multiroll CU LF – series to improve the wetting properties and the cooling effect of the cooling lubricant.

Multiroll CU Protect

is an additive for the Multiroll CU LF – series to improve the copper protection properties as well as the filtration capability.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. We offer an advisory service for the technological aspects of lubrication, regular laboratory monitoring for all products, plus assistance with issues regarding waste disposal.

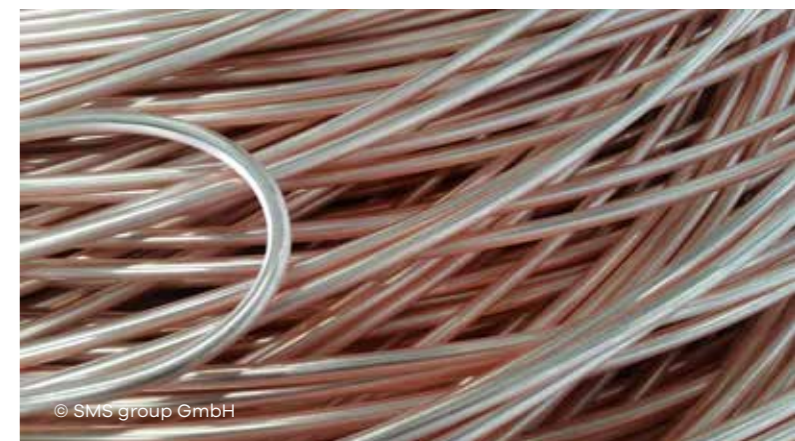
Recommended working concentration:

3.0% – 7.0%

3.0% – 7.0%

0.02% – 0.1%

0.001% – 0.01%



EXPERTLY DONE.

Zeller+Gmelin GmbH & Co. KG · Schlosstraße 20
73054 Eisligen/Fils · Germany
Phone: +49 7161 802-0 · info@zeller-gmelin.de
www.zeller-gmelin.de

