

TECHNICAL DATA SHEET

CINDOLUBE SR 93 EL

ALUMINIUM COLD ROLLING ADDITIVE

Cindolube SR 93 EL is a fatty alcohol and synthetic ester based lubricant using a specially designed additive package for the cold rolling of aluminium strip.

Applications

Cindolube SR 93 EL is designed to perform under a wide range of operating conditions. Cindolube SR 93 EL belongs to a range of aluminium cold rolling additives available to make corrections to the existing cold rolling bath in case of hydraulic oil leakages, change in rolling schedules, change in alloys, etc. It is especially suitable for both rolling operations that require high reductions of soft alloys and for rolling of hard alloys.

Recommendation For Use

Cold rolling of aluminium strip.

Typical operating concentrations 1-2%% for foil and finstock and 2-6% for breakdown mills. A suitable kerosene base oil should be used as carrier.

For detailed methods of analysis contact your Quaker Houghton technical representative.

Benefits

- Excellent reduction capabilities
- Good burn-off properties
- Good oxidative stability
- Produces excellent surface finish due to high wetting performance
- Compatible with other Houghton cold rolling additives
- FDA compliant product

Health, Safety And Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Bright liquid, clear	
Density at 20°C	850	kg/m ³
Product Viscosity at 40°C	9	mm ² /s

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 70611400

