

F158

SAP-No.: 540146000

02/13

Technical Information

hebrochemie



Impulse für Mensch und Umwelt

hebro[®]less 250 ST

Product

hebro[®]less 250 ST is a mineral oil free, low viscosity high performance lubricant for the use as minimum quantity lubricant.



Characteristics

hebro[®]less 250 ST is based on oxidation stable, biodegradable natural fats and oils. Through the choice of high-purity raw materials the plants remain clean and residue-free, the machine, the chippings and work pieces remain dry.

hebro[®]less 250 ST is characterised by a high lubricating performance, but is free of chlorine compounds and silicones.

hebro[®]less 250 ST increases the tool life considerably through the excellent lubricating properties.

hebro[®]less 250 ST is suitable for a multitude of treatment types and materials, causes no stains.

hebro[®]less 250 ST is applied undiluted with suitable dosage units by brush or dipping. A degreasing of the treated parts is mostly not necessary, if required the degreasing can be effected with neutral or rather slightly alkaline cleaners or solvent based cleaners.



Application area

hebro[®]less 250 ST is used as minimum quantity lubricant among others for sawing, milling, drilling, countersinking, cutting and rubbing as well as for forming, drawing and punching.

hebro[®]less 250 ST is especially suitable for alloyed and non-alloyed steels.



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DIN EN ISO 9001, DIN EN ISO 14001
and OHSAS 18001
Certificate No. DE 12/81839325



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hebro chemie- branch of
Rockwood Specialties Group GmbH
Rostocker Straße 40
41199 Mönchengladbach

T. +49.(0)2166.6009-0
F. +49.(0)2166.6009-99
info@hebro-chemie.de
www.hebro-chemie.de

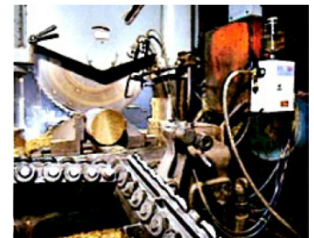
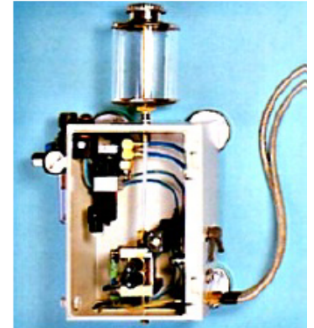
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Dosage

hebro[®]less 250 ST is dosed as concentrate via dosage units. The dosing quantity should be selected as small as possible and is under 50 ml/h. Thereby a continuous addition of lowest quantities in low time intervals should be observed. For this we offer the corresponding dosing units to receive the best possible result.

An application via brushing or dipping is also possible, is not suitable as circulation or machine lubricant.



Technical data

appearance:	brown	viscosity [40°C]:	120 mm ² /sec
form:	liquid	density:	0.93 g/cm ³
flashpoint:	> 300°C		



Note

We recommend the use of suitable dosing technology and means for guarantee of a stable entire process – please contact us, we will happily advise you.

