

DELTA®-CLEAN ETCHANT 20

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The DELTA®-CLEAN ETCHANT 20 is a fluid, highly concentrated surfactant mix as an additive for pickling degreasers for pickling solutions. It is suitable as additive for pickling degreasers for all solvents and is used as additive in salt, sulfur and phosphoric acid pickling baths to reach a degreasing effect. The DELTA®-CLEAN ETCHANT 20 facilitates the removal of oxides and oil carbon and leads to evenly pickled surfaces. With the help of the inhibitors you achieve a longer pickling time without a substantial attack of the surface. The hydrogen induced embrittlement of the base material is reduced with the DELTA®-CLEAN ETCHANT 20. It is the second step in the DELTA-PROZINC® cleaning process. DELTA®-CLEAN ETCHANT 20 is a highly inhibiting pickling cleaner additive and is particularly well suited for castings and heat-treated components (the base material is attacked only very slightly during cleaning). The use of this product promotes the removal of oxide and oil carbon. Only very little pickling bath is formed. Long service life.

CATEGORY

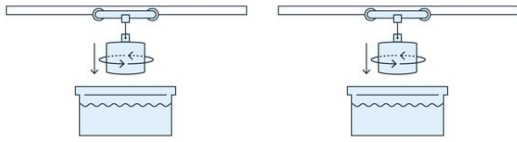
electroplating



pretreatment

REQUIREMENTS

Application technology



dipping (drum)

dipping (drain)

Legal conditions













- meets the EU End-of-Life Vehicle Directive 2000/53/EC
- meets the RoHS 2 guidelines (also known as EU Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC)
- meets the REACH requirements

Contact Person

- Christian Lenzmann

SELECTION OF SUITABLE PARTS

Advised parts

				
Washers	Hose clamps	Panels	Metrical threaded bolts >M16	Metrical threaded bolts M2-M16
				
Non metrical threaded parts	Clips	Stamped parts	Nuts	Pipes and tubes
				
Rivets	Springs			