



TECHNICAL DATA SHEET

Multidraw WM Plus

Water-miscible drawing oil concentrate, very well suitable for chipless forming of motor vehicle parts made of steel for easy until medium forming operations

PRODUCT DESCRIPTION

- + water-miscible drawing oil concentrate
- + on the basis of mineral oil
- + with synthetic fatty components
- + with anti-corrosion additives
- + good defoaming characteristics
- + good preparation performance
- + mild odour

CHARACTERISTICS

Colour / DIN ISO 2049	lighter 5.0
-----------------------	-------------

Density/15°C / DIN EN ISO 12185	940 kg/m ³
---------------------------------	-----------------------

Viscosity/40°C / ASTM D 7042	66 mm ² /s
------------------------------	-----------------------

pH-value (5 % in H ₂ O) / DIN 51 369	9.2
---	-----

Correction factor for determination of the concentration - refractometer	1.05
--	------

APPLICATION

Multidraw WM Plus is very well suitable for chipless forming of motor vehicle parts made of steel for easy until medium forming operations and is characterized by its high tool life. It is especially suitable for sheet steels and zinc coated qualities and furthermore, it can be used for forming of aluminium and stainless steels.

The sheet metal parts drawn with **Multidraw WM Plus** do not need to be degreased additionally before further processing, e.g. welding and soldering.

28630

07/2021-28630-3

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



TECHNICAL DATA SHEET

Multidraw WM Plus

Water-miscible drawing oil concentrate, very well suitable for chipless forming of motor vehicle parts made of steel for easy until medium forming operations

WORKING CONCENTRATION

Depending on the difficulty level of the forming operation, **Multidraw WM Plus** can be used as a concentrate or as an emulsion mixed with water (5 - 20 %).

DEGREASING

The degreasing of parts worked with **Multidraw WM Plus** can be effected with aqueous-alkaline cleaners without any problems.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

28630

07/2021-28630-3

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.

2 / 2