



PRODUCT DATA SHEET

DRAW 49MMA

PRODUCT DESCRIPTION

Draw 49-MMA is a high performance deep drawing lubricant specially composed for medium to heavy drawing operations. It does not contain zinc or chlorine. The anti-wear properties, strong friction reduction properties and effective anticorrosion package make the product suitable for many stamping operations such as general stamping and deep drawing operations on sheets <3 mm, cold rolled steel, galvanized steel, copper and aluminium. The product is used as received and can be applied by spray or roller

BENEFITS

- Good anti-wear performance and stable low friction.
- Low consumption, optimum performance from thin films.
- Medium viscosity
- Good cleanability with mild alkaline cleaners.
- More than six weeks indoor protection for steel surfaces.

COMPATIBILITY

Draw 49MMA is suitable for use with most organic hose and seal materials commonly used for petroleum based oils however for advice regarding specific materials contact the material supplier or the Quaker Chemical laboratory.

STORAGE

If the criteria below are adhered to, the product can be stored for at least six months.

Maximum recommended long-term storage temperature: 40°C.

Minimum recommended long-term storage temperature: 5°C.

Keep drums/containers tightly closed when not in use. Store containers/drums in a dry and well ventilated area.

SPECIFICATIONS

Property	Results
Appearance:	Clear Brown liquid
Viscosity @ 40°C:	240 - 320 cSt
Specific Gravity @ 25°C:	0.910 – 0.930
Water:	0.2% maximum
Flash Point, COC, °C :	>160
Pour Point, °C :	<4

Available in: 200 Litres

“The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided for in written contract, the product is sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular use.

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