

# TECHNICAL DATA SHEET

## QH PRESSMAX™ WN 6800

HEAVY-DUTY, WATER DILUTABLE, BIOSTABLE DRAWING AND STAMPING LUBRICANT FOR ALL METALS

QH PRESSMAX™ WN 6800 is a high performance water soluble stamping lubricant for stamping and forming applications. The product was designed for heavy duty forming applications without the use of chlorine or chlorinated paraffins. QH PRESSMAX™ WN 6800 promotes a cleaner working environment and low maintenance operation through its high lubrication level, product stability, and resistance to biological attack.

### Applications

QH PRESSMAX™ WN 6800 is recommended for stamping and forming of all steels including stainless steels and performs well in drawing of nickel-plated steels. The lubricant is compatible with all metals including aluminum and yellow metals. QH PRESSMAX™ WN 6800 can be used for deep drawing, high speed blanking with tight tolerances, coining, cupping, embossing, and extrusions. This product can be used in applications where chlorinated soluble oils have traditionally been used.

### Recommendation for Use

Dilute QH PRESSMAX™ WN 6800 into water to the desired concentration using adequate mixing to generate a homogenous emulsion. The product forms a stable emulsion. The diluted lubricant can be applied by sprayer or roller coater.

#### Recommended Concentrations:

General stamping, medium duty: 5%

Typical range for most applications, medium to heavy duty: 8-12%

Heavy duty applications: 12-18%

### The Benefits

- Enhanced lubrication for metal forming protects tools and increases tool life
- Clean running, low foam, bio-stable
- Excellent corrosion protection, stain protection, and in-process protection of machinery and parts
- Compatible with hard and soft water
- Enhanced biostability ensures odor-free operations and extended sump life
- Supports the transition away from chlorine containing forming products, reducing environmental impact and disposal costs

### 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.

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear dark amber liquid	
Viscosity at 40°C (104°F)	410	cSt
pH at 10% dilution	9.9	
Specific Gravity	0.972	
Chlorine Content	None	
Refractometer Factor	1.0	

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. 301191-01

