

# FENELLA FLUID D 401

Soluble Cold Deformation Oil

## DESCRIPTION

FENELLA FLUID D 401 is an emulsifiable metalforming lubricant based on severely hydrotreated oil technology and is free from chlorine, sulphur, glycol ether and diethanolamine.

FENELLA FLUID D 401 is free from Chlorine and heavy metals (Zinc)

## APPLICATIONS

FENELLA FLUID D 401 is a soluble oil which can be used for deep drawing and blanking operations.

FENELLA FLUID D 401 is suitable for steel of medium to high tensile strength, Titanium and Aluminium alloys.

## RECOMMENDATION FOR USE

FENELLA FLUID D 401 is mixed with water at concentrations of 6 - 25%.

## TYPICAL PHYSICAL PROPERTIES

Colour	brown	
Specific Gravity @ 20 °C kg/m <sup>3</sup>	930	ASTM D 4052
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	28	ASTM D 7042
pH @ 5%	9	DIN 51396
Corrosion protection Note 0 @ %	5	DIN 51360/2
Refractometer factor	1.2	

## BENEFITS

- Reduced cost - higher production rates due to strong lubricity
- Reduced cost - clean workshop environment due to less oil mist and evaporation
- Satisfied staff - good EHS profile, reduced smell and oil mist
- Reduced cost - easy to be washed off with standard cleaners

## RELATED PRODUCTS

For best results we recommend the use of the Houghton range of industrial lubricants, cleaners and corrosion protective.

For more information, please contact your local Houghton representative.

## STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

## HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

GM 0113 GB



**HOUGHTON™**

Houghton plc  
Beacon Road, Trafford Park  
Manchester M17 1AF

Tel +44 (0) 161 874 5000  
Fax +44 (0) 161 874 5001  
E-mail [uk.enquiries@houghtoneurope.com](mailto:uk.enquiries@houghtoneurope.com)  
<http://www.houghtonintl.com>

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