

Dromus BX

Water miscible metalworking fluid

DESCRIPTION

Dromus BX is a general purpose soluble oil for light to moderate duty machining on a wide range of materials

APPLICATION

Shell Dromus BX is high mineral oil content soluble oil for easy to medium duty machining, including grinding, on a wide variety of materials, such as ferrous and non-ferrous metals.

RECOMMENDATIONS FOR USE

General machining	6 - 8 %
Severe cutting operations	8 - 12 %

TYPICAL PHYSICAL PROPERTIES

TEST	TYPICAL VALUE	TEST METHOD
Mineral Oil content %	80	
Specific gravity @ 20 °C	0.910	ASTM D 1298
Viscosity @ 20 °C, mm ² /s	80-110	ASTM D 445
pH of emulsion @ 5%	9.1	DIN 51396
Min. Anti-Corr. Protection limit (0-0, %)	6	DIN 51360/2
Refractometer factor	0,9	

ADVANTAGES

- ❑ High lubricity – high mineral oil content of emulsion provides excellent tool lubrication and surface finish
- ❑ Emulsion stability – readily emulsifies to form stable emulsions in a wide range of water hardness
- ❑ Good corrosion protection – for both machine tool and work pieces
- ❑ Low foaming tendency – allowing high pump pressures/flow rates ensuring problem free working conditions
- ❑ Wide material/application range – assisting in reducing number of fluids in use and decreasing related purchase/warehouse cost
- ❑ Non-Staining – suitable for use with non-ferrous metals
- ❑ Contains Biocide – enhanced fluid life
- ❑ Good performance/cost ratio – assisting in optimizing production cost

STORAGE

Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is between 5°C and 35°C. Use stock in delivery rotation. A shelf life of twelve months can be anticipated.

HEALTH AND SAFETY

Health and Safety Data Sheets are supplied to customers to comply with Section 6 of the Health and Safety at Work Act 1974, and should be closely studied prior to handling or use of the product. Copies are available from your Technical Health and Safety Officer. Various other advisory publications are available from the Health and Safety Executive and Her Majesty's Stationery Office.

05/11

All data given in this Product Data Sheet are typical of this material. It does not however constitute a specification. We reserve the right to modify products without prior notice. All products, services and information supplied are provided upon the terms of our standard Conditions of Sale from time to time in force.

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

