

Hydrolubric® 120A

Synthetic Water Hydraulic Additive

DESCRIPTION

Hydrolubric 120A is a synthetic water additive representing a new concept in water hydraulics. When used as recommended, it will provide lubricating and rust preventive characteristics and is well suited for use as a replacement for soluble oils in water hydraulic systems

Unit or Independent Self-contained Systems

Years of field experience in equipment designed for use with high water content fluids has shown that 5% solutions of Hydrolubric 120A in tap water will perform well at rated outputs.

Central Water Systems

Hydraulic presses and central accumulator hydraulic systems designed for water operation, using constant volume reciprocating plunger or multi-stage centrifugal pumps, have demonstrated their suitability for use with Hydrolubric 120A at concentrations of 2% to 5%. Hydrolubric 120A is completely compatible with conventional soluble oils. It can be added directly to a soluble oil system provided the systems are relatively free of deposits and/or biological growth.

TYPICAL VALUES

Appearance	Yellow Amber	Yellow Green
Density @ 15°C	1.018	1.004
pH	9.9	9.6
Flash Point	Not applicable, product contains water	
	Not applicable, product contains water	
Fire Point	Not applicable, product contains water	
	Not applicable, product contains water	

FEATURES

Hydrolubric 120A is readily dispersible in water. It contains no oil and does not form an oil-slick in plant effluent systems. Since Hydrolubric 120A is a biodegradable-type material, it offers obvious advantages in handling and disposal.

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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HOUGHTON™

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REFERENCES

Used widely in steel mill applications.

HOW TO USE

The recommended usage concentration of Hydrolubric 120A is normally used at a concentration of 2% - 5% in tap water. In this concentration range, the polarity of the synthetic components serves to provide a film on metal surfaces that effectively reduces friction coefficients and provides protection against aqueous corrosion. This may be customised to suit individual needs or solutions, which may vary from time to time. Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

SHELFLIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **PRODUCT** is a minimum of Twelve (12) months, unless otherwise specified.

PRODUCT is available in 205 litre drums. Other sizes may be available upon request, please contact your Houghton sales representative.

RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- ADRANA: Micro-emulsion metalworking fluids
- METALINA: Synthetic metalworking fluids
- HOUGHTO-GRIND: Straight and water miscible grinding fluids
- HOUGHTO-DRAW: Straight and water miscible drawing stamping and forming fluids.
- CINDOL: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

FLUID MAINTENANCE

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

Houghton recommends that periodic checks of **Hydrolubric 120A** should be carried out .

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