

TECHNICAL PRODUCT SHEET

# METALFLUID



## DESCRIPTION

METALFLUID is a very thin, high-quality lubricant specifically designed for the lubrication of metal casts. It provides reliable protection against corrosion and includes specialized additives that enhance surface adhesion, ensuring uniform coverage and improved release performance.

## APPLICATIONS

METALFLUID is suitable for the lubrication of metal casts, including specialized forms used for concrete shaping. It can be easily applied to the casting surfaces either by brushing or spraying, ensuring uniform coverage and effective release performance.

## PROPERTIES

METALFLUID provides excellent corrosion protection for metal casts, ensuring durability and clean release performance. It delivers an exceptionally smooth concrete surface finish, improving the quality and appearance of the final structure.

## BENEFITS

METALFLUID helps save time and labor by enabling quick, efficient application and clean release from metal casts. It ensures smooth, uniform concrete surfaces free from fractures and patches, improving overall finish quality and reducing rework.

## PHYSICAL-CHEMICAL CHARACTERISTICS

METALFLUID	METHOD	
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.853
Viscosity, Kinematic (cSt) 40°C	ASTM D445	30
Viscosity, Kinematic (cSt) 100°C	ASTM D445	5.3
Viscosity index	ASTM D2270	109
Flash point, COC, °C	ASTM D92	136
Pour point, °C	ASTM D97	-24

The above mentioned characteristics represent mean values.



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#### STORAGE

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All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



#### HEALTH & SAFETY

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This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



#### USED OILS

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Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

