

TECHNICAL PRODUCT SHEET

# MOULD OIL ISO 32



## DESCRIPTION

MOULD OIL is a high-quality, ready-to-use mold-release lubricant designed for reliable application on casting forms. It is formulated by blending high-quality paraffinic base oils with lubricity-enhancing agents and a balanced package of antioxidant and corrosion-inhibiting additives. This combination ensures excellent surface protection, clean release performance, and long-lasting effectiveness in concrete-shaping molds.

## APPLICATIONS

MOULD OIL is specially formulated for the lubrication of wooden and metal molds used in the production of bricks and other concrete products. It forms a protective lubricating film between the material being shaped and the mold, facilitating clean and easy release. The oil can be applied to the mold surface by brushing or spraying, ensuring uniform coverage and reliable performance.

## PROPERTIES

MOULD OIL offers strong adhesion and provides effective protection for metal molds against rust and mechanical vibration. It features a high viscosity index and a high flash point, while being completely free of aromatic compounds, ensuring safer and cleaner operation.

## BENEFITS

MOULD OIL allows fast and effortless release of the molded material while protecting the mold and maintaining a stable lubricating film across a wide temperature range. It is safe and user-friendly, producing no harmful vapors and ensuring clean, reliable operation.

## PHYSICAL-CHEMICAL CHARACTERISTICS

MOULD OIL	METHOD	SAE 10W
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.870
Viscosity, Kinematic (cSt) 40°C	ASTM D445	32.1
Viscosity, Kinematic (cSt) 100°C	ASTM D445	5.6
Viscosity index	ASTM D2270	112
Flash point, COC, °C	ASTM D92	224
Pour point, °C	ASTM D97	-12
Water content, ppm	ASTM D1533B	NIL
Saponification number, mgKOH/g	ASTM D 94	16

The above mentioned characteristics represent mean values.



### 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.

