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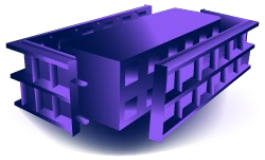
TECHNICAL PRODUCT SHEET

MOULD OIL RLS C-10



DESCRIPTION

MOULD OIL RLS C-10 is specially formulated using super-hydrogenated base oils and vegetable-based additives to ensure clean and effortless concrete release from steel, aluminum, plywood, and composite forms. It is also suitable for use in slab, pipe, and brick molding applications. MOULD OIL RLS C-10 minimizes surface imperfections, reduces void formation, and helps protect forms and formwork from rust, contributing to longer service life and improved concrete finish quality.

APPLICATIONS

MOULD OIL RLS C-10 can be easily applied to the form surface prior to concrete pouring, preventing adhesion and ensuring a clean release. Its specialized additive chemistry allows the oil to adhere firmly to the formwork while enabling the concrete to slide smoothly across the surface. This characteristic is particularly important for metal molds, where release agents often struggle to stay in places, especially under strong vibration. MOULD OIL RLS C-10 is formulated to provide excellent form adherence and clean release, even in demanding conditions. It can be applied in a thin, uniform layer using a brush, roller, or spray system, with a coverage rate of approximately 7.5 liters per gallon of product.

PROPERTIES

MOULD OIL RLS C-10 offers exceptional adhesion to the form surface, supported by adequate acidity that promotes effective soap-film formation. It is fortified with wetting agents for improved surface coverage, while its superior additive chemistry ensures reliable performance and clean, consistent concrete release.

BENEFITS

MOULD OIL RLS C-10 maintains consistent presence on the form surface, ensuring outstanding concrete slip and release performance. By reducing the oil's surface tension, it spreads uniformly and delivers a smooth, high-quality concrete finish.

PHYSICAL-CHEMICAL CHARACTERISTICS

MOULD OIL RLS C-10	METHOD	
Density at 15°C, g/cm^3	ASTM D4052	0.850
Viscosity, Kinematic (cSt) 40°C	ASTM D445	9
Flash point, COC, °C	ASTM D92	130
Pour point, °C	ASTM D97	-30
TAN, mgKOH/g	ASTM D974	1.5
Saponification number, mgKOH/g	ASTM D 94	4.8

The above mentioned characteristics represent mean values.

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STORAGE

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

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

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