

Moulding oils

FORMIL

FORMIL oils are manufactured with use of deeply refined mineral oils, enriched with an appropriately selected set of additives, including those that contain active ingredients which protect surfaces against corrosion.

The oils are intended for coating moulds used in concrete production.

Characteristics:

FORMIL moulding oils are used as an anti-adhesive agent for lubrication of moulds in cellular concrete production or, once agreed upon with the recipient, they may also be used for other purposes. The oils are manufactured in a number of viscosity classes, depending on the method of their application as coating onto steel — and other — moulds. Such a variety of FORMIL oils' viscosities is dictated by different spraying systems, nozzle diameters and oil spout spraying range used by the recipients. The oils are used for stripping moulds that contain ready concrete products in order to avoid material adhesion to the surface of moulds, as well as to protect the surfaces of steel — and other — moulds against corrosion.

Both the set of additives and the carefully selected base components included in the product guarantee protection against material adhesion to the surface of moulds. Thanks to the oil's active functions, separating the mould from the material with no deformations to the moulded surface becomes easy. Once FORMIL oils are used, the moulded concrete product require only minimal amount of cleaning.

Nº	Requirements	Test methods	Unit	Value						
				XS	XS-10	S	M	L	XL	XXL
1	Kinematic viscosity at 40°C	ASTM D- 445	mm²/s	3-4	9-11	22-25	37-42	80-105	125-140	145-165
2	Flash point, °C	PN-EN ISO 2592	°C	70- 90	70-90	190-214	200-230	220-260	240-265	210-265

The above data consists of values typical for a production batch, which are not included in technical specifications, and are subject to change due to continual product research and development.

Packaging:

180kg, 1 tonne

Storage:

All packages should be stored under a roof. If the drums are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The product should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low, below 0°C. The expiry date is 3 years if the storage conditions are satisfied.

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Health, Industrial Safety and the Environment:

Information concerning safety is included in the product Safety Sheet (MSDS safety sheet). It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products.

LOTOS Oil S.A. and the cooperating companies do not take responsibility for misuse of the product or the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil S.A. office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use, particularly in trade and investment decision-making of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

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