



Magna™ MO 59

Moulding oil

Description

Castrol Magna™ MO 59 (previously called Castcon™ 59) is a special moulding oil, for all types of moulds and forms used in the building industry. Especially suitable base oils conform to the application, ensuring the best separation effect, and provide a high protection against corrosion. The base oils also give concrete a smooth, clean and nonporous surface. In the case of an operation interruption, this product also provides a sufficient wetting.

Magna MO 59 is especially economical because of its minimal consumption, and the single application extends the service life of moulds and case hardened forms.

Castrol has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Castrol.

Application

Magna MO 59 can be used on all existing moulds and forming materials (steel, wood and plastic), with or without the steam curing process.

Typical Characteristics

Name	Method	Units	Magna MO 59
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³	865
Kinematic Viscosity @ 20°C / 68°F	ASTM D445 / ISO 3104	mm ² /s	18.5
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	8.8
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	152/306
Pour point	ASTM D97 / ISO 3016	°C/°F	-21/-6
Additional/Special characteristics	-	-	Lubrication and corrosion protection properties

Subject to usual manufacturing tolerances.

User Advice

The conditions for the success and the efficiency of all mould works, is the quality factor of the moulding oil, and it being properly applied. It's important that the moulds surface is oiled on a regulated basis. In addition, it's to be applied in a smooth coating and not heavily, unless there is an increased pit formation. In the case of pitting, applying Magna MO 59 in spray form is preferred over brush application. Wood and plastic moulds should be oiled immediately before being used. Metal plates and metal moulds should be oiled before and after being used.

This product was previously called Castcon 59. The name was changed in 2015.

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23 Apr 2015

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