

METABOND SPIRIT

Product Datasheet

Product Name: Metabond SPIRIT metal surface finishing engine oil treatment.

Metabond SPIRIT is a 2018 development. It is the most advanced ash-free, nanotech metal surface finisher designed exclusively for passenger car engines, with high friction reducing effect and enhanced lubricating performance. It is recommended for use in the latest gasoline, diesel and gas-powered passenger cars with start-stop systems and catalytic converter or particulate filters, developed after 2010, added to the required motor oil.

Characteristic Properties, Testing Method	Unit of Measurement	Typical Value
Colour Number MSZ ISO 2049:1999	ASTM-scale	8,0
Kinematic Viscosity at 40 °C MSZ EN ISO 3104:1996	mm ² /s	449,8
Kinematic Viscosity at 100 °C MSZ EN ISO 3104:1996	mm ² /s	37,36
Total Acid Number (TAN) ASTM D 664-11a	mg KOH/g	7,45
Total Base Number (TBN) ASTM D 4739-0	mg KOH/g	22,70
Density at 15 °C MSZ EN ISO 12185:1998	g/cm ³	0,9526
Copper Strip Corrosion Test (100°C, 1 hour) MSZ EN ISO 2160:2000	k. grade	1a

The stated values in this document are based on the measurements of an accredited laboratory and are mean values.

Depending on the characteristics of the supply of raw materials, small differences may occur during the manufacturing process. This does not affect the quality of the finished product.