

## PRODUCT INFORMATION

### ToolGrind HSS-X 1400

**Description** ToolGrind HSS-X 1400 is a high-performance grinding fluid for the manufacturing of tools made of all steel materials.

**Applications** Flute grinding, profile grinding, outside and inside diameter grinding.

**Material** All steel materials like HSS, PM and medical steels. For other materials please contact our technical department.

#### PRODUCT FEATURES

▪ Significant reduction of surface burning/oxidation	▪ Less burr development
▪ Physiologically safe	▪ Low foaming
▪ Good air release properties	▪ Excellent surface finish
▪ Increased productivity	▪ Low evaporation and low misting
▪ Excellent flushing and cooling properties	▪ Excellent filter ability
▪ Outstanding machine cleanliness	▪ Pleasant odour

#### Technical facts

	data	testing method
Density at +15 °C [g/cm <sup>3</sup> ]	0,86	ASTM D 7042
Kin. viscosity at +40 °C [mm <sup>2</sup> /s]	14,0	ASTM D 7042
Flash point (°C)	>150	DIN EN ISO 2592
Corrosive effect on copper	1a	EN ISO 2160

#### Safety and environmental aspects

For further instructions regarding classification, disposal etc., please see our safety data sheet according to 1907/2006/EG, Article 31.

#### Remark

All information is based on the present state of our knowledge. However, it does not guarantee characteristics of products and does not justify a contractual legal relationship. We reserve the right to changes in terms of technical developments.