

AGS ToolXS

Neat grinding oil

AGS ToolXS is the high-end fully synthetic grinding oil to use for grinding cutting tools of all kinds. It is fully approved by Walter Grinding Machines.

It is a mineral, chlorine-free, oil-based neat metalworking oil. It is used undiluted for the grinding of steel, steel alloys, carbide, aluminum and yellow metal. It is especially suited for the grinding of solid carbide cutting tools of all kinds.

The well-balanced lubricity and chemically active additives provides excellent performance. It is a low foaming oil and can be used under high pressure and has been developed to allow for faster grinding and to achieve a better surface finish on cutting tools and similar components.

Product properties / advantages:

- excellent stability against ageing and oxidation
- low evaporation
- low foaming when grinding under higher pressure
- Lower your grinding cycle times and achieve better surface finishes
- Less wear of grinding wheels

Technical data:

Appearance concentrate	Density at 15 °C [kg/m ³]	Kin. viscosity at 40 °C [mm ² /s]	Flash point COC [°C]	Copper corrosion (3 h / 100 °C)
colourless, clear	802	5	152	1b (slight tarnish)

Suitability of materials	alloyed steel	unalloyed steel	cast iron	aluminium	yellow metal
	+	+		+	+

Application:

Grinding, especially the grinding of cutting tools and carbide parts

Shelf life / Storage conditions:

stable for at least 24 months when stored at a temperature of 5 °C to 40 °C in unopened containers

Remarks:

Minor variations in colour and appearance are possible due to the raw materials chosen. However, these have no influence on the functionality of the product.

All information on safe and proper handling can be found on the MSDS.