

AGS GearX

Neat Grinding Oil

AGS GearX is the oil to use for the High Speed Grinding of Gears.

It has been proven over a decade and is fully approved by gear grinding machine manufactures Kapp. It is in use world-wide on Kapp, Gleason and Reishauer machines (as well as others).

AGS GearX is a chlorine-free mineral oil-based neat metalworking oil and is used undiluted for grinding of alloys as well as plain carbon steel, cast iron and carbide.

It is also available with a lower viscosity for the grinding of fine gear and thread forms.

Product properties / advantages:

- specially developed high performance oil – ideal for gear grinding
- low aromatic content
- excellent stability against ageing and oxidation

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)
yellow, clear	857	12	164	4a (corrosion)

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

Application:

Grinding – especially gear grinding

Shelf life / Storage conditions:

stable for 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.