



# SPIRIT ASI 7000



Cutting fluid for machining, in accordance with TRGS 611

## UTILISATIONS

- **SPIRIT ASI 7000** is a high performance soluble fluid with excellent cutting results especially for Al and Al/Si alloys.
- The processing of steel-alloys is as well possible.
- Recommended proportions\*:
 

moderate machining 5-7%	severe machining 7-10%	Al-alloy with high Si-level >10%
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\* the best concentration has to be tested

## ADVANTAGES

- Contains inhibitors to non-ferrous-metals.
- Reduces cutting forces, thus extending tool-life and improves the surface finish of the machined parts.
- Is free of chlorine, phenols, nitrites, PTBB or diethanolamine.
- Good corrosion protection for machined parts and machines.
- Good resistance to bacterial growth, excellent stability over time.
- Milky micro-emulsion.
- Satisfies the German TRGS 611 legislation (technical rules governing the handling of hazardous substances).

TYPISCHE KENNWERTE	METHODEN	EINHEITEN	SPIRIT ASI 7000
Appearance	Visual	-	clear
Density at 15 °C	DIN 51 575	kg/m <sup>3</sup>	977
Viscosity at 20 °C	DIN 51 562	mm <sup>2</sup> /s	145
Viscosity at 40 °C	DIN 51 562	mm <sup>2</sup> /s	50
Content of mineral oil	-	%	40
pH (5% solution)	DIN 51 369	-	8,4
Corrosion (F-Späne) ab 4%	DIN 51360/2	-	0
Refractometric correction factor	-	-	1,1

(Es handelt sich um Kennwerte, die im handelsüblichen Rahmen schwanken können.)

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