

Technical information sheet

XONOL RV

Metalworking cooling and lubricating fluid, free of chlorine and mineral oil, not water-miscible. Suitable for minimum quantity cooling lubrication (MQCL).

Product description:

XONOL RV is a cooling lubricant based on dearomatised hydrocarbons with easily volatilising lubrication enhancers. It is free of chlorine and mineral oil.

Application area:

Machining of aluminium, aluminium alloys, magnesium, titanium and titanium alloys. Non-cutting forming of all contact materials, aluminium and copper alloys.

Properties:

Optimum cooling and lubricating effect, especially with carbide punching tools. **The remaining wafer-thin lubricating film evaporates almost residue-free.** This ensures clean and environmentally friendly work.

XONOL RV is declared a health hazard according to the currently valid German Ordinance on Hazardous Substances (GefStoffV).

The product does not contain any of the following: Heavy metals, silicones, PCBs PCTs and halogens.

Other advantages:

- Excellent wetting and separation effect
- No disposal problems because of loss lubrication
- Ecologically safe
- Easily separated from water
- Low evaporation rate
- Odourless

Technical application notes:

XONOL RV is preferably sprayed onto the parts or the tool in a wafer-thin layer using micro-jet spray devices (e.g. MicroFluid / FluidTec spray cooling system). Even the smallest dosages bring above-average improvements in service life and perfect corrosion protection properties.

Physical technical data:

Appearance:	colourless, clear	
Odour:	characteristic	
Density (20 °C)	0.780 g/cm ³	DIN 51 757
Viscosity (20 °C)	1.70 mm ² /s	DIN 51 562
Hazard class:	VbF A III	
Flash point:	62 °C	DIN 51 376
Ignition temperature:	> 230 °C	DIN 51 794

Our information on processing and application options within the scope of our technical advice and other information is given to the best of our knowledge, but is non-binding. It does not release you from your own examination of the properties guaranteed by us for intended processes and purposes. Our products are manufactured in accordance with QS ISO 9001:2015. 03/2019 - Art.No. XON000003