

Technical information sheet

XONOL GREEN +

High-performance cutting and forming lubricant, mineral oil-free, water-immiscible, for minimum quantity cooling lubrication (MQCL)

Product description:

XONOL GREEN + has been developed using high-quality, predominantly vegetable raw materials. The product has a pronounced lubricating capability, which results in excellent surface quality and long tool life.

Application area:

XONOL GREEN + is suitable for machining operations such as hobbing, milling, turning, drilling, reaming, honing, lapping, sawing, thread cutting and – forming, as well as bending and punching.

Application:

For machining and non-cutting machining of low, medium and high-alloy steels as well as aluminium and its alloys.

XONOL GREEN + is suitable for minimum quantity cooling lubrication (MQCL).

Properties:

XONOL GREEN + features an optimum cooling and lubricating effect and is particularly low in mist. Minimal quantity cooling lubrication (MQCLS) ensures very good wetting. The remaining lubricating film can be easily removed using the rinsing and spray chamber process.

Safety and disposal:

XONOL GREEN + is free of mineral oil, chlorine and metal and does not resinate. It does not contain any silicon. Due to the raw materials used, it can be classified as particularly kind to the skin.

According to our current state of knowledge, there is no reason to expect that the sewage stages in sewage treatment plants will be disturbed by the resulting washing water. Water Hazard Class 1

XONOL GREEN + must be labelled according to Regulation (EC) No. 1272/2008 [CLP].

Physical technical data:

| | | | |
|----------------------|---------------|---------------------------------|-----------------|
| Appearance: | yellow, clear | | |
| Odour: | typical | | |
| Density: | (20 °C) | approx. 0.930 g/cm ³ | DIN 51 757 |
| Viscosity: | (40 °C) | approx. 23.7 mm ² /s | DIN 51 562 |
| Flash point: | | > 250 °C | DIN / ISO 2592 |
| Copper corrosiveness | (3 h, 100 °C) | 3a - 3b | DIN EN ISO 2160 |



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.

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