



## Description

Milpro HG20-02 is a golden yellow, clear, low viscosity special cutting oil.

## Application

Milpro HG20-02 was developed as a special cutting oil for machining steel and cast iron using all common types of machining such as turning, milling, deep hole drilling, grinding, honing and lapping.

Compared with normal cutting oils, it offers greatly improved performance in turning and milling.

Because of its low viscosity, it provides excellent machining results wherever good flushing and cooling behaviour are required, as in grinding and deep hole drilling.

An excellent surface finish is obtained in lapping and honing. These results can be further improved if sulphur-bound stones are used.

In order to increase tool life and guarantee the surface finish, it is recommended that the oil be filtered regularly. Milpro HG20-02 cannot be used for machining non-ferrous metals.

## Features and Benefits

- Universal application, can replace several products in different machining processes
- Very good cooling effect as a result of low viscosity and selected additives
- Milpro HG20-02 prevents build up of quite fine metal particles, which keeps honing stones clean and fully active
- Prolonged life through resistance to oxidative decomposition
- High heat conduction, low smoke and mist formation, hence improved working environment
- Very good sedimentation of very fine particles

## Typical characteristics

	Test method	Unit	Value
Colour			Golden yellow
Density at 15° C	ASTMD 1298	Kg/m <sup>3</sup>	869
Viscosity at 20° C	ASTMD 445	mm <sup>2</sup> /s	13,5
Viscosity at 40° C	ASTMD 445	mm <sup>2</sup> /s	7,3
Flashpoint	ASTMD 93	° C	135
Copper corrosion	ASTMD 130		4 a
Chlorine content %			0
Anti-mist properties			Yes

Above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

## Handling and storage

All packages should be stored under cover. Outside drums should be in a horizontal position. Protect against freezing and temperature above 60°C.

## Packaging type

25, 200 and 1.000 litres and bulk.

## Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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