

# SAFELUB BIO E

FULL SYNTHETIC BIODEGRADABLE NEAT CUTTING OILS

410170-410171/01.12

Rev. 0

## **DESCRIPTION & APPLICATIONS**

SAFELUB BIO E are high performance, synthetic ester-based, neat cutting oils for machining all types of steel including alloy steels and stainless steels.

SAFELUB BIO E neat cutting oils have been developed for many different machining applications such as gear cutting, cutting, drilling, tapping, chamfering, broaching,

SAFELUB BIO E 22 is particularly suitable for machining aluminum.

Note that due to the special additives SAFELUB BIO E fluids are not suitable for yellow metals.

## **ADVANTAGES**

- Application versatility
- High extreme pressure characteristics and excellent performance in a wide range of cutting speeds
- Excellent surface finishing
- Does not contain chlorine
- Completely safe for the users
- Biodegradable in the event of accidental spills

## **ENVIRONMENT, HEALTH & SAFETY**

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

# SAFELUB BIO E

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
Type	-	-	E 22	E 46
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	948	993
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	22	46
Flash point (PMCC)	°C	ASTM D 93	> 220	> 220
Color	-	-	claire	claire
Product number	-	-	410171	410170

*The average values are given for information only.*