



**ITEM: UNITEC 520**

UNITEC 520 is a semi-synthetic emulsifiable cooling lubricant with a low mineral oil content. It does not contain SVHC, boron or formaldehyde releasers. Has a formidable anti-oxidant action and a very high resistance to microorganisms.

The product has been designed to give maximum performance on cast iron but can also be used to machine materials such as steel, aluminium, magnesium or copper alloys.

UNITEC 520 is an emulsifiable oil free from chlorinated paraffins and halides.

The UNITEC 520 emulsifiable oil has been formulated for all processes that require an excellent cooling capacity without losing any of its capacity for lubricating and cleaning the workpiece.

**ADVANTAGES:**

- Compatible with water hardness from 0 a 30°f
- Excellent health and safety properties and operator acceptability
- Excellent grinding wheel cleaning
- Excellent cleaning of work areas
- Long emulsion life
- Low foaming in the recommended water hardness range



Tech. Code	Quantity L	Appearance concentrated	Appearance emulsion	Refractometric factor	Density DIN 52757 kg/L	pH (5%) DIN 51369	Storage temperature °C
H01255	5	Amber	Translucent	2.0	1.010	9.80	from 10 to 40
H012520	20						from 5 to 40
H0125200	200						

APPLICATION	K	Stainless Steel	P <850	P <1200	Al	Mg	Cu	Ti	Recommended concentration
Grinding	●●●	●	●●	●●	●	●	●	○	2.5 - 5 %
Turning	●●	○	●●	●●	●	●	●	○	5 - 8 %
Milling	●	○	●	●	●	●	●	○	5 - 10 %
Drilling, boring	●	○	○	○	○	○	○	○	5 - 10 %

○ = not suited ● suited ●● recommended ●●● excellent

The chemical-physical characteristics shown in the table do not constitute in any case an unsubscription for the manufacturer and producer.

Note: before inserting UNITEC 520 in the tank it is necessary to carry out a cleaning process of the machine using CLEAN BATT II and CLEAN SUMP following the methodology approved by the chemical Workshop of LINK Gruppo S.p.A.

**Related products**

**W RKS SAFETY SHOES**

Tech. Code	EU size	US size
K120042	42	9
K120043	43	10
K120044	44	10,5
K120045	45	11

The products are available in chapter K