

MASCOU FLUIDS

2021 CATALOG

HIGH-GRADE QUALITY TAPPING
AND CUTTING FLUIDS!



AT THE EXCEPTION OF THE **Karnaschi**™, MADE IN GERMANY 

 **MASCOUTECH**.com

MASCOU-CUT SYNTHETIC

EXCEPTIONAL PERFORMANCES!

100 % SYNTHETIC
SOLUBLE CUTTING FLUID

PRODUCT DESCRIPTION:

MASCOU-CUT SYNTHETIC is a concentrated liquid for cutting and grinding a variety of ferrous and non-ferrous metals, including aluminum, steel and cast iron, except magnesium. Can be used with diamond grinding wheels.

AVAILABLE SIZES:

Prod. # **37004** 4-liter bottle
Prod. # **37020** 20-liter pail
Prod. # **37205** 205-liter drum

SUGGESTED DILUTION IN WATER:

General work: **2 to 3%**: 20 to 30 parts of water.
Grinding: **3 to 4%**: 30 to 40 parts of water.



For all metals
except
magnesium

ADVANTAGES:

- 100% synthetic
- Heavy duty
- Exceptional EP performances
- Prevents corrosion
- Extends the life of the pump
- No sticky residue
- Free from chlorine and phenol
- Safe for workers

PROPERTIES:

- Appearance : Turquoise
- Appearance (dilution) : Translucent turquoise
- Odor : Agreeable
- Density, kg/dm³ : 1.01
- pH of the emulsion to 5% : 8.7
- Total chlorine, wt% : None
- Total sulphur, wt% : None

MASCOU-CUT

YOUR SOLUTION TO PROBLEMS RELATED TO OIL BASE COOLANT!

BIOSTABLE SEMI-SYNTHETIC WATER SOLUBLE CUTTING FLUID

PRODUCT DESCRIPTION:

MASCOU-CUT has the ability to cover a wide range of machining and grinding operations. It may be used on virtually all ferrous and non-ferrous metals, such as stainless steel, copper, aluminium, **except magnesium**.

AVAILABLE SIZES:

Prod. # **35004** 4-liter bottle
Prod. # **35020** 20-liter pail
Prod. # **35205** 205-liter drum

SUGGESTED DILUTION IN WATER:

Turning, milling, drilling, sawing, grinding: **3 to 4%**: 30 to 40 parts of water
Reaming, broaching, tapping: **5 to 10%**: 10 to 15 parts of water

CONCENTRATION:

2 % 3 % 4 % 5 % 6 % 7 % 8 % 9 % 10 %
(1:49) (1:33) (1:25) (1:20) (1:17) (1:14) (1:12) (1:11) (1:10)



For all metals
except
magnesium

ADVANTAGES:

- Resistant to biological degradation
- Long sump life
- Safe and pleasant to work with
- No need to add biocide
- Reduces overall costs
- Less need for coolant maintenance
- Free from nitrites, chromates, chlorine, sulphur and phosphorus
- Fewer disposal problems

PROPERTIES:

- Appearance : Green
- Appearance (dilution) : Translucide green
- Odor : Bland
- Density, kg/dm³ : 1.01
- pH solution 20 for 1 : 1:90
- Total chlorine, wt% : None
- Total sulphur, wt% : None

MASCOU-CUT HD

SOLUBLE CUTTING OIL

PRODUCT DESCRIPTION:

MASCOU-CUT HD is formulated to form a stable milky emulsion when mixed with water. This machining oil is manufactured and designed from a balanced blend of mineral oils and emulsifying agents. Premium quality additives have been added for superior performance.

AVAILABLE SIZES:

Prod. # **36004** 4-liter bottle
 Prod. # **36020** 20-liter pail
 Prod. # **36205** 205-liter drum

SUGGESTED DILUTION IN WATER:

5% - 1:20



For ferrous
and nonferrous
metals

ADVANTAGES:

- No tracky residue
- Safe to work with
- Free from chlorine and phenol
- Keeps the machinery clean and free of oil deposit and mud.

PROPERTIES:

- Appearance : Amber
- Appearance (dilution) : Opaque white
- Stability (dilution) : Stable
- Density, kg @ 15 °C : 0.88
- pH of dilution @ 5% : 10
- Sulphur % V/V : 0.14
- Viscosity CST @ 40 °C : 46
- Active fungicides (bactericide) : No

MASCOU-TAP

ALLOWS VERY DIFFICULT TAPPING JOBS!

HIGH PERFORMANCE TAPPING AND DRILLING OIL

DESCRIPTION PRODUIT:

MASCOU-TAP is an oil formulated from sophisticated high-pressure additives. It incomparably reduces friction between surfaces.

- ✓ May be used for tapping, threading, drilling, machining, sawing, milling, etc. on all metals, stainless steel, cast iron, aluminium etc.
- ✓ Apply MASCOU-TAP directly on the tool and the piece to be worked out.

AVAILABLE SIZES:

Prod. # **30250** 250-ml bottle
 Prod. # **30500** 500-ml bottle
 Prod. # **30001** 1-liter bottle
 Prod. # **30004** 4-liter bottle
 Prod. # **30020** 20-liter pail
 Prod. # **30205** 205-liter drum

Suggested dilution in water: No dilution

ADVANTAGES:

- Does not stain metal
- Easy cleaning of parts
- Excellent resistance to oxydation
- Does not damage paint
- Reduces tool wear
- Excellent stability

PROPERTIES:

- Appearance : Light brown
- Odor : Bland



For all metals



ALSO AVAILABLE IN GEL!

AVAILABLE SIZES:
 Prod. # **30454GEL**
 Brush-top lid 454 g.

MASCOU-TAP #1

SOME DROPS AND DISCOVER ALL ADVANTAGES!

OIL FREE TAPPING AND DRILLING FLUID



For all metals
except
aluminium

LEAVES
NO RESIDUE!

PRODUCT DESCRIPTION:

Because of its microscopic antiwear and extreme pressure compounds, MASCOU-TAP #1 allows a superior finish. It is easier to obtain a faster cutting and a greater accuracy in the work, because once tool is removed, the hole will not shrink and will keep the given diameter.

- ✓ May be used for tapping, threading, drilling, machining, sawing, milling, etc. on all metals **except aluminium.**

AVAILABLE SIZES:

Prod. # **38500** 500-ml tin can

SUGGESTED DILUTION IN WATER:

No dilution.

ADVANTAGES:

- Easily dispels heat
- Greatly reduces surface friction
- Seeps in all metals pores
- Allows to easily evacuate drilling chips
- Greatly reduces tool wear

PROPERTIES:

- Appearance : Clear
- Odor : Bubble gum

MASCOU-TAP XTRA

ALLOWS VERY DIFFICULT TAPPING JOBS!

TAPPING AND DRILLING VISCOUS FLUID OIL, SOLVENT AND SILICONE FREE

PRODUCT DESCRIPTION:

MASCOU-TAP XTRA is a viscous liquid formulated from sophisticated extreme pressure additives. It incomparably reduces friction between surfaces and gives an excellent cutting quality.

- ✓ May be used for tapping, threading, drilling, machining, sawing, milling, etc. on all metals and hard metals, stainless steel, cast iron, aluminium etc.
- ✓ Can be directly applied on the tool and the piece to be worked out.

AVAILABLE SIZES:

Prod. # **39500** 500-ml bottle
Prod. # **39004** 4-liter bottle.
Prod. # **39020** 20-liter pail.

SUGGESTED DILUTION IN WATER :

No dilution

ADVANTAGES:

- High performance tapping and drilling
- Contains no oil, solvents or silicone.
- Excellent resistance to oxydation
- Intrusion to the cutting edges

PROPERTIES:

- Appearance : Brown
- Odor : Light pine

MECUTPASTE **CHLORINE FREE**

CHLORINE-FREE AND SILICONE-FREE UNIVERSAL CUTTING PASTE

PRODUCT DESCRIPTION:

The paste adheres to the tool. No dripping or splashing. Ideal for working in awkward positions such as «working at heights» and on machines without cooling equipment. Significantly increases the service life and surface quality when sawing, milling, tapping, grinding, drilling. For cutting all steels and the most difficult materials such as titanium, manganese, cast iron, chromium-nickel or molybdenum steels. Also excellent for all non-ferrous metals such as aluminium, copper, brass.

ADVANTAGES:

- The paste adheres perfectly on the cutting edges and liquefies itself during performance
- Ideal for heavy-duty works, on all kind of steel and non-ferrous metals
- Chlorine free

AVAILABLE SIZES:

Prod. # **60.1157** 750-g can
Prod. # **60.1159** 125-g can



MECUTSPRAY **ECO-FRIENDLY 90% BIODEGRADABLE**

HIGH PERFORMANCE CUTTING OIL **SILICONE-FREE**

PRODUCT DESCRIPTION:

Base oil based on vegetable products (coconut oil, rapeseed oil), ecological and 90% biodegradable spray based on a vegetable raw material. Aerosol pump spray can without propellant. For sawing, milling, drilling, boring, turning, reaming and threading. With lubricating additives - without mineral oil components. Contains anti-corrosive additives - resistant to ageing. Particularly suitable for machining difficult-to-machine materials such as rust and heat-resistant steels, nickel alloys, titanium, steel, aluminium and aluminium alloys. For difficult cutting work and non-cutting processing.

AVAILABLE SIZES:

Prod. # **60.1150** 500-ml spray (without propellant)



ALSO AVAILABLE:
11.6051 500 ml.

MECUTFOAM **HIGH PERFORMANCE**

HIGH PERFORMANCE COOLING LUBRICANT FOAM AEROSOL **SILICONE-FREE**

PRODUCT DESCRIPTION:

The foam adheres to the tool. No drops or splashes. Water washable, sulfur-free, mineral oil-free, very good adhesion.

Ideal for working in awkward positions such as «working at heights» and on machines without cooling equipment. Significantly increases the service life and surface quality of: sawing, milling, tapping, grinding, drilling. For cutting all types of steels and non-ferrous metals such as aluminum, copper, brass.

AVAILABLE SIZES:

Prod. # **60.1152** 400-ml spray



MASCOU-THREAD

DARK THREAD CUTTING OIL



Do not use with non-ferrous metals

PRODUCT DESCRIPTION:

MASCOU-THREAD is a heavy-duty cutting oil with high concentration of lubricity and anti-weld agents including sulphur.

- ✓ MASCOU-THREAD is a 100% oil base recommended for difficult threading operations involving stainless steel, high carbon steels and other ferrous metals. **Do not use with non-ferrous metals.**
- ✓ It is dark in color, clean running and has a pleasant odor.

AVAILABLE SIZES:

Prod. # **32004** 4-liter bottle
 Prod. # **32020** 20-liter pail
 Prod. # **32205** 205-liter drum

SUGGESTED DILUTION IN WATER:

No dilution.

PROPERTIES:

- Appearance : Dark brown
- Odor : Bland

MASCOU-LUBE

LUBRICANT PASTE FOR DRILLING AND CUTTING ALUMINIUM



For all metals and aluminium

PRODUCT DESCRIPTION:

MASCOU-LUBE is a multi purpose lubricant, non toxic.

- ✓ It is recommended for sawing, drilling, screwing on all metals including aluminium.

AVAILABLE SIZES:

Prod. # **34600** 600-g stick

ADVANTAGES:

- Longer cutting tool life
- Prevents welding
- Easier cutting
- Eliminates heat buildup
- Better work finish
- Easy to apply

CLEANER **ANTIBACTERIAL**

A NON CONTAMINATED FLUID WILL GIVE A BETTER PERFORMANCE!

PRODUCT DESCRIPTION:

The **ANTIBACTERIAL CLEANER** is a liquid with germicide for both machine and coolant. The **ANTIBACTERIAL CLEANER**, not only eliminates film and deposit generating bad odors, but also helps clean the system before filling with new coolant. The life of the coolant depends of the cleanliness of the machinery; a non contaminated fluid will give a better performance.

TYPICAL ANALYSIS:

- Detergent : 17 %
- Lubricating agent : 6 %
- Germicide and antirust : 9 %
- Solvent with high flash point : 60 %

AVAILABLE SIZES:

- Prod. # **33004** 4-liter bottle
- Prod. # **33020** 20-liter pail

DIRECTION FOR USE:

- 1.** Completely empty the system, collect all detritus from the tank. Fill with water at 50°C to the minimum pumping level, add 3% of the antibacterial cleaner and circulate for 4 to 12 hours. Drain the system and fill it with new coolant. This method is the ideal one.
- 2.** Often, the production cannot be stopped for cleaning. Then, you could add 2% of the antibacterial cleaner to your system and circulate 1 to 2 days before draining. However, the coolant has a loss of lubricating property with this method.
- 3.** When your system is relatively clean, a treatment of 1% of the antibacterial cleaner once a week will keep it sound.



MASCOU-**KLEEN** DEGREASER

POWERFUL **BIODEGRADABLE** DEGREASER!

PRODUCT DESCRIPTION:

MASCOU KLEEN DEGREASER is powerful and versatile. Its penetrating action removes in a remarkable way various greases, oils and stains on concrete floors, engines and heavy equipment.

MASCOU KLEEN is nonflammable and can be used safely even on hot surfaces. Moreover, it is biodegradable in 21 days or less and is perfectly soluble in water regardless of its hardness. **MASCOU KLEEN** contains a corrosion inhibitor to prevent the formation of rust on ferrous metals.

MASCOU KLEEN has no effect on metals, rubber, varnish and paint. Easy to use, it can be sprayed or applied with a brush or a cloth, then rinsed or wiped off. It does not leave any residue and facilitates the preparation of the surfaces to be painted.

AVAILABLE SIZES:

- Prod. # **20001** 1-liter bottle
- Prod. # **20004** 4-liter bottle
- Prod. # **20020** 20-liter pail

SUGGESTED DILUTION IN WATER:

- Hard degreasing >>> 1 @ 3 parts water
- General cleaning >>> 5 @ 15 parts water
- Various works >>> 20 @ 60 parts water
- High pressure >>> 50 parts water at 80°C

TECHNICAL DATA:

- Physical form : Liquid
- Color : Yellow
- Odor : Pleasant
- pH 2% solution : 13.4
- Biodegradability/solubility : Complete



MASCOU-OIL

HELPS YOUR SYSTEM STAY CLEANER AND AT PEAK FOR PERFORMANCE LONGER!

HYDRAULIC OIL FOR PNEUMATIC TOOLS

PRODUCT DESCRIPTION:

MASCOU-OIL is an hydraulic oil that offers high performance heat stability and cleaning power compare to competition.

- ✓ Can resist to very high temperatures (150°C/300°F) without turning into sludge and varnish, while competing oils already experience problems at 60°C/140°F.



ADVANTAGES:

- Continuing action cleaning, keeps impurities in suspension by driving them to the filter while the machine turns at high power.
- Antiwear, antirust and anticorrosive additives, protect the pump and other essential parts.

PROPERTIES:

- Appearance : Blue
- Viscosity index : 100
- Pour point : -29 °C

AVAILABLE SIZES:

- Prod. # 31250 250-ml bottle
- Prod. # 31500 500-ml bottle
- Prod. # 31001 1-liter bottle
- Prod. # 31004 4-liter bottle
- Prod. # 31020 20-liter pail
- Prod. # 31205 205-liter drum

SUGGESTED DILUTION IN WATER:

No dilution.

MASCOU-OIL XTREM

FOR TOOLS AT LOW TEMPERATURES!

HYDRAULIC OIL FOR AIR TOOLS AT LOW TEMPERATURE

PRODUCT DESCRIPTION:

MASCOU-OIL XTREM is a multigrade hydraulic oil antiwear long term superior for use through out the year.

ADVANTAGES:

- Year-round use through the pour point of -57 °C.
- Offers excellent performance and flawless.

PROPERTIES:

- Appearance : Red
- Viscosity index : 190
- Pour point : -57 °C

AVAILABLE SIZES:

- Prod. # 31250 XT 250-ml bottle
- Prod. # 31500 XT 500-ml bottle
- Prod. # 31001 XT 1-liter bottle
- Prod. # 31004 XT 4-liter bottle
- Prod. # 31020 XT 20-liter pail
- Prod. # 31205 XT 205-liter drum

SUGGESTED DILUTION IN WATER:

No dilution.

