

Emulex Synti ProPlus

ECO-FRIENDLY

Innovative, biocides-free, highly efficient concentrate of metal working fluid. Veco Emulex Synti ProPlus is based on unique technology ensuring high quality in steel working, cast iron working and non-ferrous metal working even at concentration of 2%. The use of natural effect of aerobic bacteria to inhibit multiplication of anaerobes provides natural bio-stability and ensures high resistance to biological infestation. It forms stable microemulsions in water of hardness up to 20°n. To ensure corrosion protection it is recommended to maintain concentration above 2%. It works very well in most types of metal working. When used in very hard working, increased concentration to 10% is recommended. Does not cause skin irritation or allergies.

Emulex Synti EP

ECO-FRIENDLY

Innovative, biocides-free, highly efficient concentrate of metal working fluid. Intended for medium and hard metal working. Also used in plastic metal working. The use of natural effect of aerobic bacteria to inhibit multiplication of anaerobes provides natural bio-stability and ensures high resistance to biological infestation. It forms stable microemulsions in water of hardness up to 20°n. To ensure corrosion protection it is recommended to maintain concentration above 2%. Does not cause skin irritation or allergies.

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ECO-FRIENDLY

Emulex MT

Concentrate of emulsifiable mineral metal working fluid. Intended for working of steel, cast iron and non-ferrous metals. Water emulsion may be used as cooling and lubricating fluid for lathes, milling machines and for drilling and polishing. It forms stable, milky emulsions ensuring high quality of working and minimising tools' wear. Contains anti-corrosion additives and bio-active additives, which inhibits growth of bacteria and fungus in the emulsion. Concentration of 3%-20% is recommended, depending on working type and tool load.

Emulex Synti HM-1

Semi-synthetic, bio-stable concentrate of metal working fluid. Designed for preparing water cooling/lubricating emulsions used for working of steel, cast iron and aluminium. It forms stable microemulsions in water of hardness up to 20°n. To ensure corrosion protection it is recommended to maintain concentration above 3%. It works very well in light and medium metal working. For hard metal working increasing concentration to 10% is recommended. Does not cause skin irritation or allergies.

Emulex Synti RHS

Semi-synthetic, bio-stable concentrate of metal working fluid intended for use in cutting, plastic metal working, polishing of cast iron, steel and non-iron metals. It forms stable microemulsions in water of hardness upto 20°n. Depending on type of working, should be used at concentration level of 2%-10%. Provides good corrosion protection at 2%. Thanks to great lubricating properties it works well in hard metal working ensuring low tools' wear and good quality of the worked surface. Microemulsions based on VECO Emulex Synti RHS are resistant to biological infestation and do not cause skin irritation or allergies.

Emulex Synti SZ/T

Concentrate of synthetic metal working fluid designed for polishing and grinding. Use of water solution at concentration of 2%-5% is recommended. It may be used for working copper and copper alloys. It can also be used as concentrate of hydraulic fluid based on water. It forms clear and stable solutions and provides good corrosion protection even at concentration of about 2%. Solutions based on VECO Emulex Synti SZ/T are resistant to biological infestation. They do not cause skin irritation or allergies.

Emulex Synti FX



Innovative, biocides-free concentrate of universal metal working fluid. Thanks to carefully refined formulation it is naturally biostatic. Metal working fluids based on VECO Emulex Synti FX are resistant to biological infestation, which was achieved without the use of any biocidal substances. Water emulsions based on VECO Emulex Synti FX are used as cooling and lubricating fluids in cutting steel and cast iron. Concentrate forms stable microemulsions in water of hardness up to 20°n. It works well in light and medium metal working but can also be used in hard metal working at concentration increased to 10%. For best corrosion protection it is recommended to maintain concentration above 3%. Does not cause skin irritation or allergies.

	APPLICATION			
	Grinding	Milling Cutting	Drilling	Threading
Emulex MT	*	***	**	**
Emulex Synti HM-1	***	***	**	**
Emulex Synti RHS	**	****	***	***
Emulex Synti SZ/T	****	*	*	*
Emulex Synti FX	***	***	**	**
Emulex Synti ProPlus	**	****	***	***
Emulex Synti EP	*	***	***	****

