SOL PLUS 01

Product code: 265301801

General machining metalworking fluid

This product is a universal, high-performance water soluble cutting fluid, high stability and excellent performance in adverse environments, humidity and pollution. It will form stable milky emulsions, low foaming, with EP and lubricating and anticorrosive properties.
It contains additives that ensure a superior performance compared with conventional emulsions, when used in the recommended concentration.

This product provides good lubrication and coolant properties thanks to its micro fine nature of the emulsion, improving penetration of the fluid into critical tool/chip interface, resulting in superior finish on components and extended tool life.
It is recommended for aluminium machining, including threading and MAPAL reaming operations. It is also suitable for steels and machining with non-ferrous metals. Suitable for all type of CNC, transfer and metalworking machines.

Benefits & Advantages

- Excellent lubricant and EP characteristics
- Excellent service life
- Environmentally acceptable
- Does not contain nitrite, boron, amines or chlorine
- Does not form sticky deposits on surfaces
- Suitable for systems with tendency to biological pollution
- Multi metal

Typical Performance Data - Neat Product

Typical	Value
Appearance	Amber liquid
Specific gravity @ 20 ºC, gr/cm3	0.96
Pour point, °C	-5

Typical performance data - 5% emulsion (in tap water 150 ppm)

Typical	Value
Appearance	Milky translucent
pH	9.2
Corrosion test	Nil
Aluminium corrosion	Nil
Copper corrosion	Nil

All performance data on this Technical Data Sheet are indicative only and can vary during production.

Matrix Specialty Lubricants
Typograaf 16 - 6921 VB Duiven
The Netherlands
+ 31 (0) 316 740 850
info@matrix-lubricants.com
www.matrix-lubricants.com

ISO 9001:2015 ISO 14001:2020 ISO 21469:2006
V 12.12.23

SOL PLUS 01

Product code: 265301801

Mixing
The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. Recommended for water from 50 to 500 ppm and chloride below 0,1 gr/l. It is recommended to use between 6 to 10% depending on the application.

Dilutions can be easily checked by Refractometer;
% Concentration = Refractometer Reading x 1

Matrix Specialty Lubricants
Typograaf 16 - 6921 VB Duiven
The Netherlands
+ 31 (0) 316 740 850
info@matrix-lubricants.com
www.matrix-lubricants.com

ISO 9001:2015 ISO 14001:2020 ISO 21469:2006
V 12.12.23