

SOL PLUS N 30

Product code: 265304801

Grinding and machining neo-synthetic coolant

This product is a water soluble neo-synthetic cutting fluid of new generation. It does not contain boric acid, secondary amines and formaldehyde.

It forms clear transparent emulsions with very low foam and high cooling properties. It has very good hard water resistance.

It has good lubricity properties due to PAG content.

Due to the special formulation ensures a great biological resistance not being necessary to add biocides or fungicides.

The product does not produce impact on operators and protects the machine from rust.

Applications

The product is suitable for many machining operations for steel and cast iron.

The product is suitable for centralized systems and independent machines.

Properties

- Transparent emulsions, allows to see the operation
- Good cooling and anticorrosive properties
- Excellent service life
- Hard water resistance
- Environmentally acceptable
- Does not contain boron, formaldehyde, nitrite or chlorine
- Does not form sticky deposits on machine surface
- High lubricity

Typical Performance Data

Typical	Test Method	Value
Appearance		Yellowish
Specific Gravity @ 20 °C		1.04
Emulsion (5% in tap water 100 ppm)		Transparent
pH (5% in tap water 100 ppm)		10
Corrosion Test IP-287 (3% in tap water 100 ppm)		No Corrosion
Foam (5% in tap water 0°HF)		Low
Alkalinity, mg/KOH		201

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

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Mixing

The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. With hardness water up to 700 ppm and chloride up to 450 ppm it is recommended to use in concentrations between from 6 to 8% for machining.

For severe machining from 6 to 8%. For grinding operations from 4 to 6 %.

For harder waters or/and higher chloride content it is recommended to increase concentration.

IN SERVICE STRENGTH CONTROL

Dilutions can be easily checked by Refractometer.

% Concentration = Refractometer Reading x 1,45

STORAGE

Soluble oils are susceptible to frost damage. Store containers indoors to protect from extreme low temperature exposure. Recommended temperature from 5 to 35°C.