



Peak Oil

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TECHNICAL DATA

Ceto 50

Synthetic Grinding Fluid



Peak Oil

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Ceto 50

Synthetic Grinding Fluid

High performance “oil free” synthetic grinding fluid. It was developed using the very latest in water miscible synthetic fluid technology, to produce an inherently stable and bio-resistant solution capable of grinding a wide range of materials.

Ceto 50 is recommended for general-purpose surface, cylindrical and centreless grinding of both ferrous and non-ferrous materials. Ceto 50 is designed for use in individual machines and also centralised systems.

Performance Benefits

- ◆ *Extremely versatile grinding fluid offering the potential for machine shop rationalisation.*
- ◆ *Exceptional wet ability produces extremely rapid heat dissipation dramatically reducing grinding burn and attendant scrap levels*
- ◆ *Rapid swarf and grit settlement greatly enhances fluid filterability and clarity offering excellent work piece visibility and protection from marking.*

- ◆ *Excellent resistance to bacterial and fungal attack, coupled with a high resistance to tramp oil contamination ensures extended sump life, reducing costly downtime and improving production efficiencies*
- ◆ *Outstanding anti-corrosion properties protecting machine and work piece from problematic rusting, promoting extended equipment life and reducing costly downtime.*
- ◆ *Superior cooling and low foaming properties enabling the potential for increasing feeds and speeds, giving improved production efficiencies and lower operating costs*

Health and Safety

Ceto 50 is a synthetic water miscible grinding fluid that should be handled according to good standards of industrial hygiene. For further detailed health & safety information please consult the material safety data sheet, available on request.



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Typical Physical Characteristics

Characteristic	Ceto 50 (Concentrate)
Specific Gravity @ 15°C	1.06
Flash Point °C	125

Characteristic	Ceto 50 (Solution)
Appearance	Fluorescent Green
pH @ 3%	9.5
Corrosion Test % (IP287)	2.5
Refractometer Factor	2.3

Recommended Dilution Rates

Grinding	Ferrous	Non-Ferrous
Cylindrical	2-3%	2-3%
Surface	2-3%	2-3%
Centreless	3-5%	3-5%

Mixing Instructions

Always add *Ceto 50* to water at the point of maximum turbulence.

Storage

Drums should be stored on their side in a clean, dry place and must be protected from extremes of temperature, store >5°C-<35°C.

The information given is correct to the best of our knowledge. It is offered in good faith but without guarantee as the conditions and methods of use of our products are beyond our control.

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