

BLADE AID®

Oil Free Cutting Fluid for All Applications

Get lubricating power and ease of use with one stable coolant for all machining applications

BLADE AID® is a transparent high performance product free of oil for all kinds of grinding, machining, and drilling operations. The product is also suitable for grinding and light to medium machining operations on steel, grey cast iron and aluminum. Its excellent flushing and wetting performance provides an efficient removal of chips and swarf.

**German GREEN
Product Technology
since 1916**

BLADE AID®

- Oil-free, transparent
- Excellent flushing and wetting action, high swarf transportation and cooling efficiency
- Excellent corrosion protection
- Extended sump life
- Outstanding skin compatibility

BLADE AID® is widely used in metal, ceramic, and glass grinding. Metal working facilities choose BLADE AID® for its advanced synthetic lubrication agents and outstanding cleaning performance. Its high performance and reliability together with its competitive pricing and easy handling have placed BLADE AID® at the leading edge of mineral oil free based products. Switching to BLADE AID® and Oemeta's technical support programs will significantly improve your productivity and while reducing your costs.

TECHNICAL PRODUCT INFORMATION

BLADE AID® is a high performance transparent product that is used in applications requiring exceptional residue behaviour. This product displays an outstanding wetting power. Thanks to its excellent flushing power, this product efficiently removes particles and carries debris away from the machining tool. Because **BLADE AID®** creates very thin and easy-to-dissolve drying films, it makes further washing processes easier. In some cases, further cleaning of the parts is unnecessary.

APPLICATION AREA AND PROPERTIES:

- Applications for ferrous metals requiring an outstanding cooling action
- Excellent washing properties for clean parts especially for applications
- Excellent residue behaviour
- Does not emulsify tramp oils
- Longer sump life thanks to high stability
- Excellent corrosion protection
- Easy separation of floating tramp oil
- Allows visual process control
- Free of mineral and synthetic oil, transparent
- Excellent flushing and wetting action, high swarf transportation and cooling efficiency
- Concentration levels can be checked with refractometer and/or EasyCheck test trips

FACTORS: Refractometer: **2.8**

RECOMMENDED APPLICATION CONCENTRATION:

Grinding	Light machining	Medium machining
5-7 %	7 – 8 %	8 – 8 %

STORAGE CONDITIONS: The concentrate is to be stored at room temperature; ideal storage temperature is between +10°C (50°F) and +30°C (86°F). Its guaranteed shelf life under the indicated conditions is 12 months.

INDUSTRIAL HEALTH AND SAFETY - ENVIRONMENTAL PROTECTION: **BLADE AID®** : Is not obliged to be labelled under the dangerous substances ordinance.

MIXING: As with any water-miscible cutting fluid, it is important to follow the mixing procedure. As a basic principle, always add the concentrate to the agitated mixing water. This is best achieved by using a proportional mixing system to ensure correct operating concentration.

TREATMENT AND DISPOSAL: Water-miscible cutting fluids must be thoroughly processed before they are disposed of. **BLADE AID®** emulsions can be pre-treated with a vaporiser to reduce the water content. For more comprehensive information, please contact our technical service department. All disposal procedures should be compliant with local waste regulations concerning oil free products. In some cases and depending on local regulations, the used product can be disposed of in the sewage water.

USA
Oemeta Inc.
2125 Center Ave, Ste 507
Fort Lee, NJ 07024
(201) 720-2829
csrusa@oemeta.com

Canada
Oemeta North America Inc.
265 Ingersoll St
Ingersoll, Ontario N5C 3J7
(519) 485-1800
ona@oemeta.com