

Aquagrind 890



Product Description:

A premium quality synthetic grinding fluid designed for all contemporary applications. Contains superior anti-corrosion properties, very low foam characteristics, & additional lubricity additives to enhance surface finish & grinding characteristics on hardened & stainless steels.

Product Applications:

Applicable for all grinding applications including center-less, surface, and cylindrical grinding. May be employed in grinding of mild to hardened steels, stainless steel, copper & copper alloys, and aluminum.

Recommended Dilutions:

Grinding mild & cast steels & aluminum	4 - 6%
Grinding hardened & stainless steels	5 - 10%

Features & Benefits:

- Excellent anti-corrosion properties
 - Provides corrosion protection of machinery & work pieces.
- Low foaming characteristics
 - Does not foam under high pressures.
- Excellent air-release properties
 - In-trained air from the grinding operation is dissipated quickly thereby minimizing foam buildup in coolant tanks.
- Good lubricity characteristics
 - Is capable of grinding hardened steels such as automobile crank grinding, valve grinding etc.

Physical Properties:

Test	Units	Result
Appearance		Clear/bright amber fluid
Density	gm/ml	1.01
pH (Neat)		9.8
pH (5%)		9.4
Refractometer Factor ¹		2.1

Health & Safety:

Syntol Aquagrind 890 is a moderate/low toxicity synthetic grinding fluid. It is recommended as with all industrial oils & cleaners that repeated or prolonged contact in neat or diluted form is kept to a minimum. At no time should neat (undiluted) be disposed of into sewers. Disposal either neat or diluted into storm water drains or other waterways should always be avoided. If spillage occurs contact your local council authority or refer to the Syntol Aquagrind 890 MSDS. For further advice refer to Syntol NZ Ltd. Phone (09) 634 6004.

Disclaimer:

All reasonable care has been taken to ensure the information contained herein is accurate at the time of printing. However Syntol NZ Ltd accepts no tortuous or contractual liability for any loss or damages suffered as a consequence of the reliance on the information & advice contained herein.

1. Concentration = Reading x Refractometer Factor