

# Product Information

A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.



## Valvoline Grinding Coolant 90:1

### Description

**Valvoline Grinding Coolant 90:1** is a water extendible chemical fluid used as a grinding coolant for machine grinding of ferrous metals, open-grain cast iron and many alloys.



### Recommended Dilutions

Can be effective in providing good finish and corrosion protection at dilution rates of up to 90:1. Some applications require the concentration to be stronger – up to 40:1 or even 20:1 for gear hobbing.

### Advantages

- Excellent corrosion inhibition and rust protection of machines and work pieces.
- Fully synthetic chemical formulation and infinitely soluble in water with good wetting properties.
- Non-foaming.
- Eliminates wheel loading.
- Provides clear view of workpiece, working fluid is transparent.
- High performance coolant, high specific and latent heat (twice the heat absorbing capability of mineral oils).

### Properties

#### Test

Density @ 20°C  
Type  
Odour  
PH (5% solution)  
Colour

#### Typical Property

1234  
Clear Chemical Solution in Water  
Pleasant  
10.5  
Clear, Pale Yellow

This information only applies to products manufactured in the following location(s): South Africa

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