



**The HILL and GRIFFITH Company**  
Quality and Service Since 1896

# Technical Data Sheet

## GRIFCUT 705

### *Cutting & Grinding Fluid Concentrate*

#### *Description*

GRIFCUT 705 is a high performance semi synthetic cutting fluid specifically formulated with *High Performance Lubricity Additives*. It is designed for machining aluminum, zinc and ferrous alloys. It is suitable for milling, drilling, reaming, tapping and general purpose machining. It can also be used as a stamping or drawing fluid.



#### *Performance Benefits*

- ◆ Suitable for mixed metal machining
- ◆ Extended sump life
- ◆ Excellent machining performance
- ◆ No staining of metal surfaces
- ◆ Operator friendly
- ◆ Exceptional emulsion stability
- ◆ Low Foam

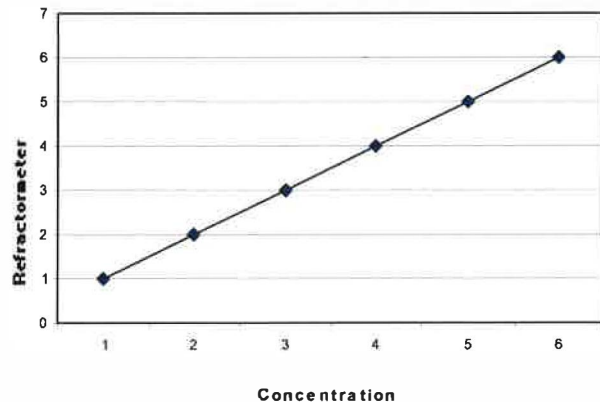
#### *Recommended Concentrations*

- ◆ Light machining and grinding 3-5%
- ◆ Moderate machining 5-7%
- ◆ Heavy duty machining 7-10%
- ◆ Very heavy duty machining 10-20%
- ◆ Drawing or Stamping 10-20%

#### *Typical Characteristics*

- ◆ Form..... Liquid
- ◆ Color ..... Amber
- ◆ Odor..... Mild
- ◆ Flash Point ..... > 350 F
- ◆ Refractometer Factor ... 1:1
- ◆ pH (5%) ..... 9.2-9.6
- ◆ Specific Gravity ..... 0.97

Concentration Chart



#### *Health & Safety*

All reasonable care has been taken to ensure that the information contained in this publication is accurate as the date of printing, however, such information might change to due changes in the formulation blend occurring subsequent to the date of printing. The MSDS must be consulted for appropriate information regarding storage, safe handling and storage.

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