



P R O D U C T I N F O R M A T I O N

## Metalworking Fluids

### Gulfcut HDS

#### Product Description:

**Gulfcut HDS** (Heavy Duty Soluble) is a metalworking fluid, with additives to obtain a high-quality emulsifying fluid. Gives excellent results on area of cooling, lubricating and protection of corrosion at turning, drilling or sawing of normal iron sorts.

#### Typical Properties:

<b>Product Code Number</b>	<b>7100</b>
Density at 15°C, kg/m <sup>3</sup>	888
Viscosity at 40°C, mm <sup>2</sup> /s	31.0
Viscosity at 100°C, mm <sup>2</sup> /s	5.4
Viscosity Index	108
Flash Point, °C	170
Pour Point, °C	-12
Nitrite	nil

#### Features/Benefits:

- Fast emulsifying procedure
- Good stability of the emulsion
- Good protection against corrosion of metals
- Low foaming properties
- Little sensitivity to different levels of water hardness

#### Performance Specifications:

ISO 6743-7	MAA
IP 125 (Herbert Corrosion Test)	0/0-0

#### Application:

- *Always add Gulfcut HDS to the water in a ratio of 1 : 10*
- *Keep the product in store frost free*
- *Never use soluble oil emulsions for machining magnesium.*  
*Hot magnesium and water are a fire hazard !!!*

#### Recommended Applications:

Metalworking fluids for normal steels.