



**FUKKOL**

**Nourishment for**  
**Your Machines**

# TECHNICAL DATA SHEET

## F3 synthetic hot forging fluid



### Description:

The high water content all synthetic hot oil is a water-borne graphite free lube oil, which is made of high temperature humidifier and film forming polymer. The specially designed formulation is effective for casting and casting of micro heat and high temperature. The product can be formulated according to the complexity of different molds, and the use of spraying or smearing is recommended.

The proposed dilution ratio is 1:5

| Products Code | Packings | Capacity |
|---------------|----------|----------|
| I100221-4L    | Can      | 4L       |
| I100221-18L   | Pail     | 18L      |
| I100221-200L  | Durm     | 200L     |

### Purpose :

- It is especially suitable for casting and hot forging.
- It is suitable for various ferrous metals, including cast iron, aluminum and aluminum alloy parts.

### Performance characteristics:

- Good lubrication and extreme pressure
- Improving processing precision
- Reducing maintenance costs
- Prolonging die life

### Typical physical properties

| DENSITY<br>g/cm <sup>3</sup> | 5% diluent PH | Antirust 24H | VISCOSITY<br>40°C | Appearance   |
|------------------------------|---------------|--------------|-------------------|--------------|
| 0.95~1.0                     | 8.0~10.0      | Qualified    | —                 | Brown liquid |

### Matters needing attention:

1. Pay attention to sealing and preserving oil products