Product Information — Forge Ease 3512

Description

FORGE EASE 3512 ferrous forging lubricant is a transparent, water based, totally graphite free liquid concentrate. This lubricant is a technical breakthrough developed after extensive research in our laboratories and thoroughly field tested with a wide variety of ferrous forgings. Since it is a concentrate and must be diluted with plain water before use, it is very economical.

The chemistry involved with this discovery is completely different from previous synthetic ferrous lubricants. It is specially formulated to provide a highly lubricious coating on dies that are normally in the 350° to 750°F range.

FORGE EASE 3512 contains proprietary organic components, binders and extreme pressure additives. All these materials combine to yield an exceptionally efficient ferrous forging lubricant. Since **FORGE EASE 3512** contains no graphite, there is no dark gray dust floating in the air and settling on the floor, wall and machinery surfaces. Forging plants become cleaner and therefore easier to maintain with good housekeeping practices.

Application

FORGE EASE 3512 is supplied as a concentrate that must be diluted with plain tap water. Initial dilution of 1 part of **FORGE EASE 3512** with 8 parts water is suggested for difficult forgings. Less difficult forgings are normally made with 1 part **FORGE EASE 3512** and 15 parts water. Your local Fuchs representative can make specific recommendations for your operation.

Graphite-Free Ferrous Forging Lubricant

- **Consistently superior die fill**
- **Improved plant environment**
- **No smoke, fumes or toxic gases**
- **Rapidly wets complex dies**
- **Easily applied**
- **Better definition of fine details**
- **Increased die life**
- **Heavy duty formulation**

Technical Data — Forge Ease 3512

Characteristics	Value
Carrier	Water
Non-Volatiles	31.5%
Density	9.7 lbs/gal
Appearance	Transparent blue
Shelf Life	1 year sealed container
Flash Point	None
Freeze Point	32°F (0°C)
pH	8-10
Pigment	None
Viscosity @ 20°C	350-700 cps