

DYLON DATA



GRADE
FW-3663

308

DYLON GRADE FW-3663 **GRAPHITE - FREE FERROUS FORGING LUBRICANT**

DESCRIPTION:

Dylon Grade FW-3663 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 180° to 500°F (82° to 260°C) range.

Grade FW-3663 contains proprietary organic components, binders, and extreme pressure additives. All these materials combine to yield an exceptionally efficient ferrous forging lubricant. This advanced chemical technology is a result of years of Dylon high temperature surface technology chemical research.

Since **FW-3663** contains no graphite, there is no dark gray dust floating in the air and settling on floor, wall and machinery surfaces. Forging plants become cleaner and are therefore easier to maintain good housekeeping practices.

ADVANTAGES:

- * 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

CHARACTERISTICS:

Carrier:	Water	Flash Point:	None
Non-volatiles:	30%	Freeze Point:	32°F (0°C)
Density:	9.7 lbs/gal	pH:	8-10
Appearance:	Clear	Pigment:	None
Shelf Life:	1 year sealed container	Viscosity@ 20°C	200-500 cps

APPLICATION:

FW-3663 is supplied as a concentrate that must be diluted with plain tap water. Initial dilution of 1 part of **FW-3663** with 6 parts of water is suggested for difficult forgings. Less difficult forgings are normally made with 1 part of **FW-3663** and 15 parts of water. **FW-3663** is manufactured in Dylon's new world-class production facility with advanced process formulation controls that assures uniform, highly consistent, product quality.

PACKAGING:

5 Gallon Pails 55 Gallon Drums Intermediate Bulk Containers (IBC)



ISO 9001:2000 CERTIFIED

DYLON INDUSTRIES INC.

7700 CLINTON ROAD CLEVELAND, OHIO 44144-1045

"Where Customers Turn Today for Tomorrow's Technology"

(216) 651-1300
1-800-237-8246
FAX (216) 651-1777
www.dylon.com
info@dylon.com