

# Graphol GFL 5000 HD

*Heavy Grade Graphite Based Forging Lubricants*



## DESCRIPTION

- Graphol GFL 5000 HD is a high performance forging lubricant. It provides good lubrication and release for a range of forged components Best in class performance provides efficient die wetting and good die life.

## YOUR BENEFITS

- Low build up on the dies or tool wear.
- Extended Die Life.
- Good release and lubricity.
- Excellent coverage of tools over a wide range of temperature.
- Nonflammable & Non Corrosion protection.
- No Sedimentation, Stability of concentrate during storage.

## APPLICATION

- Hot forging of large automotive components.
- Extrusion of heavy spindles.
- Lubricant for upsetters.
- Lubricant cum parting agent of mandrels.

## METHOD OF APPLICATIONS:

- Sprays.
- Hand held spray gun.
- Fixed auto spray system.
- Pumping / Flooding.
- Pre-coating.

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### RECOMMENDED DILUTION RATIO:

- The recommended dilution ratio depends on the difficulty of job and the cooling equipment. For Initial trial ratio of one part product to ten parts water (1:10 to 1:15) by volume.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	CTM 162	–	Smooth
Color	CTM 162	–	Greyish Black
Solid lubricant	–	–	Graphite
Carrier/diluent	–	–	Water
Density @ 29.5°C	CTM 069	gms/ml	1.0 - 1.3
pH Value	ASTM D 1287	–	10 – 12
Solid Content (120°C for 2 Hrs)	CTM 033	%	27 - 30
Particle Size of Graphite	–	microns	≤ 10

### INDUSTRY:

Forging

### PACK SIZE:

50 kg / 20 kg / 200 kg

### SHELF LIFE:

12 Months

\*CTM: - Corporate Test Method

The values quoted above are typical and do not constitute a specification.

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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