

# Graphol GFL Ultra 100

*Ultra High Performance Graphite Die Lubricant & Precision Forging*



## DESCRIPTION

- Graphol GFL Ultra 100 is benchmark product in the forging industry. The unique binder & an ultrafine 1 microns graphite particle Size will provide the best performance possible in forging applications. Enhances metal flow and gives near net shape performance.

## YOUR BENEFITS

- Low build up on the dies or tool wear.
- Extended 25% Die Life.
- Good release and lubricity.
- Near net shape performance
- Excellent coverage of tools over a wide range of temperature.
- Nonflammable & Non Corrosion protection.
- No Sedimentation, Stability of concentrate during storage.

## APPLICATION

- Precision forging of bevel and pinion assembly.
- Forging of balance shaft and countershaft.
- Precision forging of lug VS, bearing hub rings.
- Forging of transmission assembly.

## 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	–	–	Ultrafine Synthetic Graphite Powder
Carrier/diluent	–	–	Water
Density @29.5°C	CTM 069	gms/ml	1.0 – 1.20
pH Value	ASTM D 1287	–	10 – 12
Solid Content (120°C for 2 Hrs)	CTM 033	%	17 - 20
Particle Size of Graphite	–	microns	1.0

\*CTM: - Corporate Test Method

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

### INDUSTRY:

Forging

### PACK SIZE:

50 kg / 200 kg

### SHELF LIFE:

12 Months

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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