

Graphol GFL 6000 Plus

High Performance Graphite Based Forging Lubricant



DESCRIPTION

- Graphol GFL 6000 Plus is a high performance forging lubricant with a unique binder and dispersion system. The mean particle size of the graphite plays an important role in providing excellent lubricity and 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.
- Excellent cost to benefit ratio
- Nonflammable & Non Corrosion protection.
- No Sedimentation, Stability of concentrate during storage.

APPLICATION

- Hot forging of carbon steel and stainless steel.
- Hot forging of automotive components.
- Push bench and piercing areas in steel pipe making.

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	–	–	High Purity Fine Graphite
Carrier/diluent	–	–	Water
Density @29.5°C	CTM 069	gms/ml	1.0 – 1.2
pH Value	ASTM D 1287	–	10 – 12
Solid Content (120°C for 2 Hrs)	CTM 033	%	26 - 30
Particle Size of Graphite	–	microns	3 - 4

INDUSTRY:

Forging

PACK SIZE:

50 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.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

