

Graphol 3000 Premium

Premium Grade Colloidal Dispersion of synthetic ultrafine graphite in Oil



YOUR BENEFITS

- Graphite coating reduces wear and therefore increases die life.
- Improves metal flow and gives excellent surface finish.
- Reduces working loads.
- Eases punch release thereby avoiding die damage and downtime.
- Finest graphite particle size gives the best forging performance.

APPLICATION

- Hammer forging die upsetting tools.
- Extrusion presses.
- Press Forging.
- Closed die Forgings.

METHOD OF APPLICATIONS:

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

RECOMMENDED DILUTION RATIO:

- The recommended dilution ratio depends on the difficulty of job and the cooling equipment. The common dilution ratio of neat oil as well as neat oil with petroleum solvent (1:10) can be used for initial trial.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	CTM 162	–	Smooth Oily Liquid
Colour	CTM 162	–	Black
Base Oil	–	–	Mineral
Flash Point (of Base oil)	ASTM D 92	°C	200
Base Oil Viscosity @40°C	ASTM D 445	cSt	80
Base Oil Viscosity @100°C	ASTM D 445	cSt	9
Solid lubricant	–	–	Ultrafine Synthetic Graphite Powder
Particle Size Of Graphite	–	microns	1
Density @29.5°C	CTM 069	gms/ml	0.90 – 1.0
Diluents	–	–	Mineral oil, Paraffin, White spirit

*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:

24 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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