

BONDERITE L-GP 522 ACHESON

Known as Dag 522
November 2018

PRODUCT DESCRIPTION

BONDERITE L-GP 522 ACHESON provides the following product characteristics:

Technology	Lubricant
Product Type	Graphite in oil
Application	Additive

BONDERITE L-GP 522 ACHESON is a dispersion of pure colloidal graphite in mineral oil.

It is a viscous concentrate, to be diluted before use.

Due to their fineness, the graphite particles will remain in suspension and will pass through fine filters and orifices.

If an even finer product is required, BONDERITE L-GP OD (also known as Oildag) is recommended.

Application:

- Tool lubricant for hot metal forming operations.
- Glass mould lubrication.
- High temperature lubrication.
- Additive for oils and greases.
- Additive for penetrating oils.

TECHNICAL DATA

Solid lubricant	high purity graphite
Solids content, %	~20
Consistency	medium viscous black fluid
Carrier	mineral oil
Flash Point, °C	>200
Density, kg/m ³	1,003
Viscosity, mPa.s (Brookfield 20°C, 20rpm)	~2,000
Diluent	mineral oils, kerosene, white spirit, etc.

DIRECTION OF USE

Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Dilution:

BONDERITE L-GP 522 ACHESON is easily diluted. It is recommended to predilute the concentrate and then add diluent until the required degree of dilution has been obtained.

Slight heating will facilitate mixing with mineral oils.

For application, methods like circulating systems, brush, dip

or spray may be used, depending on working local conditions.

BONDERITE L-GP 522 ACHESON will experience a slight increase in viscosity during aging. This however does not influence its performance.

Storage:

Recommended Storage Temperature, °C	5 to 40
Shelf-life, months (in unopened original packaging)	24

Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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Reference 0.1