

BONDERITE L-GP YA ACHESON

Known as Gredag YA
August 2015

PRODUCT DESCRIPTION

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

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|---------------------|---------------------------------|
| Technology | Lubricant |
| Product Type | Graphited grease |
| Application | Forging and extrusion lubricant |

BONDERITE L-GP YA ACHESON is a graphited lanolin based grease within NLGI 4 specification. BONDERITE L-GP YA ACHESON is used as a swab applied die lubricant in hot forming operations, most notably in hot stamping of brass. BONDERITE L-GP YA ACHESON is often used where lubricant spray application is not economic, as in small quantity production, or where high tool temperatures are required. This leads to use in hot and warm extrusion of steel, aluminium and copper alloys.

Special features

- The high covering power allows sparing use.
- The consistency makes application of thin coatings possible.
- High purity graphite extends tool life.
- Superior film adhesion allows much metal flow.
- The use in thin films allows high precision.
- The soft texture makes swabbing easy.
- Soft greases allow more complete utilisation of the contents of a container, less lubricant is thrown away.
- Good spreading makes application of excessively thick films difficult.

Application Areas:

- Hot forming operations, most notably in hot stamping of brass.
- Hot and warm extrusion of steel, aluminium and copper alloys.

TECHNICAL DATA

(as supplied)

| | |
|-----------------|----------------------------|
| Lubricant | high purity micro-graphite |
| Carrier | lanolin base |
| NLGI No. | 4 |
| Penetration | 160 to 210 |
| Flash Point, °C | 220 |

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.

Application:

BONDERITE L-GP YA ACHESON is ready-for-use. Its NLGI No. 4 consistency promotes an easy and sparing use.

BONDERITE L-GP YA ACHESON is applied to the tooling by swab or brush from once per cycle for difficult parts on hot running tools to a few times per hour for simple light parts.

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**

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