

Silcagrease G220 is a highly sophisticated plunger lubricant for the high pressure die cast process of light metals. Silcagrease G220 contains high purity natural graphite in combination with a synergistic mix of white solid lubricants thus achieving increased life time of plunger and short sleeve.

Properties

- Increased life time of plunger and short sleeve
- Bright casting surfaces
- All-round product for 3 alloys
- High temperature resistance due to improved formula
- Improved protection due to capillary effect
- Reduced porosity of castings as only a small quantity of Silcagrease G220 is required

Typical Area of Application

- Plunger lubricant for aluminium, magnesium and zinc alloys in the high pressure die cast process

Recommendations for Processing

- Silcagrease G220 shall be applied by brush or rag around the plunger tip. Due to the capillary effect, the lubricant gets evenly distributed between the plunger and the short sleeve if the temperature of the plunger is >90°C

Technical Data

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| ➤ Colour: | Black - Grey |
| ➤ Carrier | Mineral Oil |
| ➤ Density | 1.1g/cm ³ |
| ➤ Ph-Value | N/A |
| ➤ Viscosity at 25°C | N/A |
| ➤ Odour | Typically |
| ➤ Appearance | Pasty |
| ➤ Flash Point | >200°C |

Storage and Safety

- Store in original packaging and appropriate dry conditions, and protect from frost.
- Additional information is available on the Material Safety Data Sheet.

These products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.