

GP1 S GREASE

**100 % Silicones - Isolation/Protection
Food Contact**

VERSION 1 - FEBRUARY 2022

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CHARACTERISTICS

- | | |
|---|--------------------------|
| • Colour | colourless - translucent |
| • Consistency (grade NLGI) | grade 3 |
| • Dropping point (NFT60-102) | none |
| • Speed factor | 50 000 |
| • Application temperature | -50° C / + 250° C |
| • Base oil | silicones |
| • Base oil viscosity | 200 mm ² /s |
| • Dielectric rigidity | 16 KV/mm |
| • Apparent density | 960 Kg/m ³ |
| • Anti-corrosion in most acids and bases. | |

USE

- The GP1 S Grease is formulated without soap, This grease is infusible, chemically inert, particularly recommended for all applications under low load at extreme temperatures and extremes temperatures conditions (-50/+250 °C).
- The GP1 S Grease is a colourless, odourless and non-staining lubricant that is completely safe. Food contact (NSF registration number 126565)
- The GP1 S Grease gives excellent results in equipment under high temperatures, high pressure or high depression (very good in vacuum).
- The GP1 S Grease is also particularly adapted to the protection and the lubrication of valves, taps, meters, measuring instruments, marine equipment, etc...



- The GP1 S Grease also fit for the lubrication and protection of pieces and gaskets in synthetic materials such as rubber, Teflon, neoprene, HDPE, nylon etc...
- Scope of use: food industries, marine equipment, mechanical industries, pharmaceutical industries, research and measuring equipment.

MISCIBILITY

- Because of its 100% silicones formulation, the GP1 S Grease is not compatible with common greases. A dismantling and a complete cleaning must be done if another grease has been used before.

ADVANTAGES

- Because of its 100% silicones formulation, the GP1 S Grease offers exceptional properties in a large range of temperatures. Its low vapour pressure and its very good resistance to oxidation enable a continuous operating in the most extreme conditions. However, its low lubricant power does not allow to use it under heavy loads.
- The GP1 S Grease keeps an appropriate consistency under strong mechanical stress in a large range of temperatures, it does not drop, does not harden and strongly stick to metal surfaces.

USE PRECAUTIONS

- In normal conditions of use the GP1 S Grease has no special toxicity and requires for its use in normal conditions of use only the common precautions for industrial lubricants.

SAFETY DATA

- Consult the SDS of the products available on our website www.mecatech-performances.com. Professional use.

PACKAGING

- Tins of 1 and 5 Kg
- art#: 360001 in 1kg , 360005 in 5 kg

The content of this technical sheet is aimed at giving you advices. It does not imply any commitment on our part.