

GS-1000

100% synthetic dielectric grease

Description

The GS-1000 super multi-purpose synthetic grease with ANTIFRICTION TREATMENT is the best multi-purpose grease on the market. Its fast-acting, more durable and better overall formula outperforms all other multi-purpose greases.

Characteristics and Benefits

The GS-1000 unique formulation includes such elements as:

- Synthetic oil base
- Overbased calcium sulfonate complex
- PROLAB's ANTIFRICTION TREATMENT

Its exclusive PROLAB formula brings the GS-1000 super multi-purpose synthetic grease to an exceptional level of performance: it reduces friction, protects against rust and corrosion, provides load resistance as well as superior mechanical stability (superior shear stability properties) and excellent moisture resistance.

Even though the GS-1000 multi-purpose synthetic grease is classified as NLGI 2, it has pumpability characteristics similar to those of NLGI 0 grade: it is best suited for high rotational speeds (between 3000 and 10 000 rpm).

The GS-1000 multi-purpose synthetic grease is both polyvalent and economical: it encompasses three NLGI grades, thus allowing for reduced grease inventories and less frequent lubricating jobs and, consequently, less energy and grease consumption.

The GS-1000 multi-purpose synthetic grease is practical and safe to use: it has a dielectric constant of 7000 volts. It is offered in a variety of sizes, including in a spray format for hard-to-reach areas.

Types of Application

The GS-1000 is a must for every type of business, no matter what the size or the nature of the operations as well as for the workshop, car and home.

Directions for Use

Use the GS-1000, making sure to always follow the manufacturer's recommendations for the equipment piece.

Aerosol Application:

Shake the container for a few seconds. Apply the GS-1000 for a maximum duration of 3 seconds.

Repeat the process as necessary.

Warning

Whenever performing a grease change, make sure to validate the compatibility of the various greases used (refer to [PROLAB's grease compatibility chart](#)).

Keep away from flames, such as pilot light, and any object that sparks, such as an electric motor. Store away from heat.

Dielectric properties: Apply GS-1000 on dry and clean parts. Any contamination will void the dielectric properties and safe use of the product.

Available Sizes

415 g, 500 g, 17 kg, 55 kg, 180 kg

Spray format: 350 g

Product Code

288

Characteristics	ASTM test	Typical Values
Appearance		Beige
N.L.G.I. Grade		2
Viscosity at 40°C	D445	46 cSt
Viscosity at 100°C	D445	8 cSt
Viscosity Index	D2270	145
Dropping Point	D2265	300°C
Oil Separation at 25°C	D1742	0,1%
Consistency 60 X	D217	280 (1/10mm)
Shear Stability 100,000 X	D217	2,3%

Shear Stability 10,000 X(50/50 with water)	D217	9,5%
Roll Stability	D1831	3,7%
Wheel Bearing Leakage	D4290	4g
Oxidation Resistance (Low Pressure) 1000h	D942	6 psi
Bearing Life	D3527	180 hrs
4-Ball Wear (75°C, 40 kg, 1200 t/m, 1h)	D2266	0,43 mm
Load Wear Index	D2596	63
Weld Load	D2596	500 kg
Timken OK Load	D2509	30 kg
Rust Preventative	D1743	Pass
Water Spray Resistance at 79°C	D1264	2%
Corrosion - Copper Strip	D130	1b
Dielectric Breakdown	D877	7 Kv
Salt Fog (1 mil d.f.t.)	B117	>300 hrs.
Oil Separation (100°C, 30 hrs.)	D6184	4.4%
Pumpability		
-18°C (0°F)		88 gr/min
-23°C (-10°F)		56 gr/min
-29°C (-20°F)		29 gr/min
-34°C (-30°F)		14 gr/min

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