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Product Data Sheet (PDS)



GP GREASGEN HIGH TEMPERATURE LITHIUM COMPLEX GREASE HP2

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GP Greasgen HT Lithium Complex Grease HP2



GP GREASGEN High Temperature Lithium Complex Grease HP2 is a premium, multi-purpose lithium complex grease engineered to perform under the most demanding industrial and automotive conditions. Fortified with advanced high-pressure (HP), anti-wear & extreme pressure (EP) additives, it offers exceptional thermal stability and mechanical resistance, ensuring long service life and protection for critical components.

Designed to minimize leakage and resist thinning in bearings, this grease provides robust protection against rust and corrosion, even in the presence of water. It's ideal for high-load applications and components exposed to shock loading, such as ball joints and drive shafts.

Key Features & Benefits:

- **Excellent mechanical stability** – Maintains consistency under heavy mechanical stress.
- **Wide operating temperature range** – Reliable performance from low to high temperatures.
- **Superior water resistance** – Protects against washout and moisture-induced degradation.
- **Outstanding high pressure (HP) protection** – Guards against wear under high load and shock conditions.

Recommended Applications:

GP Greasgen High Temperature Lithium Grease HP2 is suitable for:

- Heavy-duty automotive and truck service
- Buses and farm equipment
- Construction and earthmoving machinery
- High-temperature wheel bearings (including disc brake systems)
- Roller and ball bearings
- Electric motor and throw-out bearings
- Universal joints, chassis fittings, fifth wheels, and more

Its high-performance formulation surpasses the capabilities of conventional light- to medium-duty greases, particularly in water resistance and HP protection.

Handling & Storage Cautions:

- After use, smooth out the remaining grease in the container to help prevent oil separation.
- Store in a cool, dry, and well-ventilated area.

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- For applications requiring enhanced performance, continue using **GP GREASGEN High Temperature Complex Lithium Grease HP**.

TECHNICAL DATA

Sr. No	Characteristics	Standard	Results
01	Appearance	Visual	Red
02	Grade		NLGI 2
03	Dropping Point, °C,F	ASTM D2265	280C, 568F
04	Work Penetration	ASTM D217	270 C
05	Water Washout Loss, wt %	ASTM D1264	2.1
06	Four-Ball Wear Test, Scar Diameter, mm,	ASTM D2266	0.55
07	Four-Ball Extreme Pressure Test, Weld Load, kgf,	ASTM D2596	325
08	Corrosion Prevention	ASTM D1743	PASS
09	Timken OK Load, kg,	ASTM D2509	60
10	Water Sprayoff, 38 C, %	ASTM D4049	30

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Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.