

ASP 1200 High-Temperature Ceramic Lubricating Grease

Product Features

Wallimore ASP 1200 is a high-temperature ceramic lubricating grease formulated with advanced inorganic thickening agents and salt-free synthetic oil. Engineered to resist residue buildup even at extreme temperatures up to 1400°C, it effectively lubricates friction pairs in mechanical assemblies, preventing thread sticking and corrosion, even in humid environments.

Benefits

- Excellent high-temperature resistance and adhesion, minimizing friction and supporting heavy loads.
- Resists carbonization, coking, and loss, ensuring consistent high-temperature lubrication.
- Non-staining white formula, resistant to acid and alkali corrosion without harming metals, and enduring against hot and cold water.
- Wear-resistant to prevent shaft seizing, maintaining performance even under high pressure.

Typical Data

Property	Value	Test Method
NLGI Grade	1	ASTM D217
Appearance	White ointment	ASTM D1500
Working Penetration@25°C, 0.1mm	311	ASTM D217
Dropping point@°C	160	ASTM D2265
Corrosion@T2 copper sheet, 150°C, 4h	Pass	ASTM D4048
Evaporation loss@ 99°C, 22h, %	0.3	ASTM D972
Oil separation@static method, %	2	ASTM D6184

Typical data is an average value and is for reference only, and the specific value may vary due to each test condition or customer requirements.

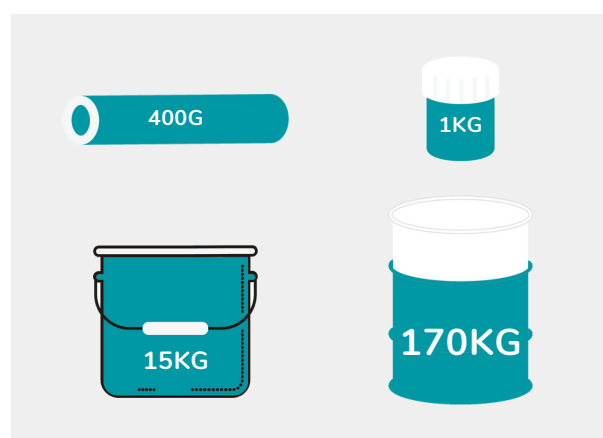
Applications

- Ideal for lubricating high-temperature, high-load, low-speed sliding, and swinging parts, particularly in stainless steel bolt connections to prevent sticking.
- Suitable for use in internal combustion engines, turbines, and industrial settings to prevent high-temperature seizing of metal connections.
- Perfect for automotive brake pads and calipers, preventing corrosion, eliminating squealing noise, and resisting water and salt erosion, especially for ABS brake systems.
- Operating temperature range: -40 ~ 1400°C

Product Storage

- Store indoors or under shelter to avoid intrusion of rain or humid air; outdoor storage is prohibited.
- Prevent erosion of the outer label of the package. When the outer label is damaged and the product name cannot be confirmed, it is not recommended to continue to use it.
- Products should not be stored at temperatures above 60°C or in severe cold, and should not be exposed to strong light.
- Store unopened in a cool environment below 20°C. The shelf life is 60 months from the date of manufacture.

Packaging Specifications



Usage Restrictions

- The product is harmless to health and safety when used correctly, and will not cause adverse effects when used, refilled and discarded in accordance with industry and hygienic standards in a correct and reasonable manner.
- Care should be taken that used products contain potentially harmful contaminants and prolonged or repeated skin contact with used oils of any type and form must be avoided.
- This product has not been tested or stated to be suitable for medical or pharmaceutical use.

“

**"LUBRICATION PROTECTION
UNDER HARSH CONDITIONS"**