

ASP 1400 Copper Based Anti-Seize Grease

Product Features

It is carefully formulated with synthetic base oil, ultra-fine metal solid powder, inorganic thickener and rust inhibitor. It has a relatively stable coefficient of friction and is particularly suitable for extreme high temperature, high pressure and chemical corrosion and other harsh conditions.

Benefits

- Exhibits excellent resistance to high temperatures and can be used at temperatures up to 1100°C.
- Exhibits excellent extreme pressure and anti-wear properties, guaranteeing the reliability of components for long-term operation.
- Effectively prevents seizing and welding of components, improving operational safety.
- The coefficient of friction is the same as that of oiled bolts, which ensures that the bolts can still be loosened effectively after long-term use at high temperatures and improves maintenance efficiency.

Typical Data

Property	Value	Test Method
NLGI Grade	2	ASTM D217
Appearance	Grey and black ointment	ASTM D1500
Working Penetration@25°C, 0.1mm	280	ASTM D217
Dropping point@°C	-	ASTM D2265
Corrosion@T2 copper sheet, 150°C, 4h	Pass	ASTM D4048
Welding point (PD), N	500	ASTM D2596
Grinding spot diameter@4-ball machine method, mm	0.5	ASTM D2266

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.

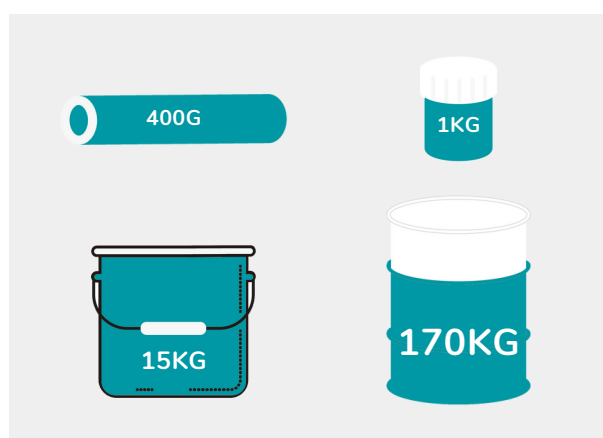
Applications

- It is suitable for high temperature parts in metallurgy, electric power, textile, paper making, engineering plastics, automotive and other industries, and can effectively prevent the occurrence of component seizure.
- Suitable for threads, nuts, bolts, etc. made of heat-resistant steel or stainless steel with very low static or linear velocity, including high-temperature connecting bolts in power plants such as gas turbines and steam turbines.
- Used as a special lubricant for assembly of mechanical parts to improve assembly efficiency; used for initial occlusion lubrication of large gears and other mechanical parts to prolong the life of the parts.
- Operating temperature range: -40 ~ 1100°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.

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**"LUBRICATION PROTECTION
UNDER HARSH CONDITIONS"**