

ASP 1300 Nickel-Based High Temperature Anti-seize Grease

Product Features

Wallimore ASP 1300 is a nickel-based high-temperature anti-seize lubricant formulated with high-temperature synthetic oil, ultrafine pure nickel powder, graphite, and additives for corrosion and rust prevention. Designed to withstand high temperatures, heavy loads, and corrosive environments, it effectively prevents seizing and corrosion of metal contact surfaces due to high temperatures or prolonged operation.

Benefits

- Excellent high-temperature anti-stick, anti-fusion, and thread sealing properties, remaining solid even at elevated temperatures.
- Outstanding rust prevention and corrosion resistance, resisting attack from strong alkaline solutions, chemical media, acid fumes, and saltwater.
- Prevents component seizing and corrosion under long-term high-temperature conditions, suitable for steel, stainless steel, titanium, magnesium, and other hard metals.
- Copper-free formulation prevents electrochemical corrosion between different metals and provides excellent heat dissipation.

Typical Data

Property	Value	Test Method
NLGI Grade	1	ASTM D217
Appearance	Silvery ointment	ASTM D1500
Working Penetration@25°C, 0.1mm	315	ASTM D217
Dropping point@°C	320	ASTM D2265
Corrosion@T2 copper sheet, 150°C, 4h	Pass	ASTM D4048
Evaporation loss@ 99°C, 22h, %	0.5	ASTM D972

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.

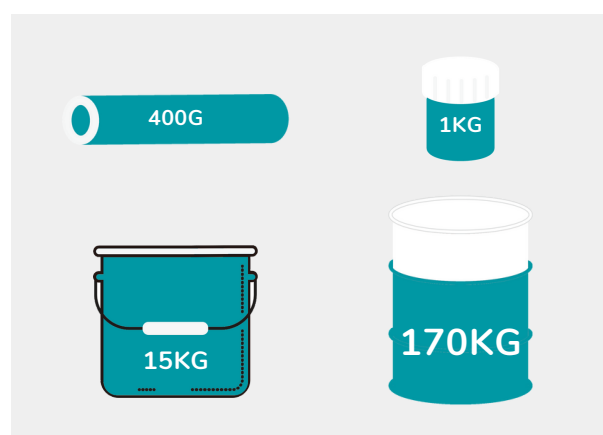
Applications

- Ideal for lubricating stainless steel bolts, nuts, valves in stainless steel pipeline installations, composite gaskets, and flanges under extreme temperature conditions, preventing component seizing and acid-base corrosion.
- Suitable for lubrication of chains, sliding ring surfaces, low-speed bearings, and hinges under ultra-high-temperature conditions.
- Suitable for surface coating of casting ladles, casting molds, and die-casting equipment (ejector rods), as well as separating oil grease on electric heating clamps.
- Operating temperature range: -30 ~ 1300°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"**