

Formulated with a high concentration of solid lubricants

Anti-Seizure Pastes



Seizure Prevention



Assembly Lubrication



Plastic Lubrication



High-Temperature Lubrication

Seizure Prevention / Assembly and Running-In Lubrication / Ultra-High Temperature Lubrication



- Formulated with a high concentration of solid lubricants, such as molybdenum disulfide (excellent in lubricity under heavy loads), PTFE (excellent in plastic lubrication), and graphite and soft metals (excellent in lubricity at ultra-high temperatures).
- Able to prevent seizure and scuffing over long periods if applied in a thin coat during assembly, bolt tightening, etc., thanks to the excellent lubricity of solid lubricants.
- Also effective in preventing seizure at ultra-high temperatures or in corrosive environments.

Classification	Product Name	※1 NLGI (worked penetration) 25°C, 60W	※3 Appear- ance	Solid Lubricants Contained	Thickener	Base Oil	※2 Load Carrying Capacity by Soda Four-Ball Test 768rpm, 1 min	Approximate Operating Temperature Range	Description	NET, Packing Unit, Code
For Metals	Moly Paste 500	No.2 (280)	Black	Molybde- num disulfide	Petroleum Jelly	Mineral Oil	0.88MPa	≤+350°C	An anti-seizure paste formulated with a high concentration of molybdenum disulfide (MoS ₂). Positioned as the standard product in the series.	50g×12×4 (Code : 010058) 500g×6 (Code : 010067) 1kg×4 (Code : 010070) 4kg×2 (Code : 010073) 16kg (Code : 010075)
	Moly Paste 300	No.1 (310)		Molybde- num disulfide, Graphite	Lithium Soap				An anti-seizure paste formulated with molybdenum disulfide (MoS ₂) and graphite. Suitable for lubrication of parts subject to low-speed heavy-load operating conditions.	200g×6 (Code : 012062) 500g×6 (Code : 012067) 1kg×4 (Code : 012070) 2.5kg×2 (Code : 012072) 16kg (Code : 012075)
	Moly Paste H	No.2 (290)		Molybde- num disulfide	Stearate Wax	Polyal- kylene Glycol (PAG)		≤+400°C	An anti-seizure paste formulated with a base oil with low carbon residue at high temperatures.	50g×12×4 (Code : 020058) 500g×6 (Code : 020067) 4kg×2 (Code : 020073) 16kg (Code : 020075)
For Plastics	Sumitec P1	No.1 (310)	White	PTFE, MCA		Poly-α -olefin (PAO)	0.78MPa	≤+250°C	An anti-seizure paste formulated with solid lubricants and a base oil optimized for plastic lubrication. Ideal for running-in lubrication of precision equipment.	500g×6 (Code : 050167) 1kg×4 (Code : 050170) 4kg×2 (Code : 050173)
	Sumitec P2	— (260)	Light Yellow	PTFE, MCA, Organo molybde- num compounds	—		—		A high-performance version of Sumitec P1. Well suited to plastic-to-metal lubrication.	1kg×4 (Code : 249070)
For Ultra-High Temperatures	Moly Paste AS	No.2 (272)	Copper Brown	Molybde- num disulfide, Copper, Tin, Graphite	Bentone	Mineral Oil	0.88MPa	≤+1,100°C	An anti-seizure paste for ultra-high temperature applications that is also suitable for chemical corrosive environments.	500g×6 (Code : 030067) 2.5kg×2 (Code : 030072) 16kg (Code : 030075)
	Moly Paste AS-S	No.0 (372)				Mineral Oil + Synthetic Oil	0.69MPa	≤+800°C	A variant of Moly Paste AS that is also applicable to running lubrication.	500g×6 (Code : 031067) 2.5kg×2 (Code : 031072) 16kg (Code : 031075)
	Sumipaste NS	— (300)	Grayish Copper Color	Graphite, Copper, Aluminum	Special Calcium Compounds	Mineral Oil	0.20MPa	≤+800°C	An anti-seizure paste for ultra-high temperature applications that excels in rust prevention. Suitable for salty or humid atmospheres.	1kg×4 (Code : 034070)
	Sumipaste BN	— (309)	White	Boron Nitride	Special Inorganic Compounds	Synthetic Oil		≤+1,200°C	An anti-seizure paste designed for stainless steel joints used at high temperatures.	100g×20 (Code : 033060) 1kg×4 (Code : 033070)

Anti-Seizure Pastes are also available as spray products (page 29).