



Based on a synergy effect of solid lubricants and a special base oil

## Ultra-High Temperature Greases

### Ultra-High Temperature Greases Allow Use At Ultra-High Temperatures Up To 800°C



- Containing a soft metal solid lubricant (copper) and heat-resistant solid lubricants, such as molybdenum disulfide (MoS<sub>2</sub>) and graphite, in various combinations, ultra-high temperature greases reduce seizure even at high temperatures up to 800°C through a synergy effect of such solid lubricants and a special base oil.

- Suited to ultra-high temperature applications required at ironworks, cement plants, and other industrial sites.

- Sliding, rotating and threaded parts in steel mill sliding nozzles and rotary nozzles ● Bearings in ladle hangers and furnace dampers ● Transfer surfaces of tire liners and support rollers in rotary kilns at cement plants ● Sliding parts, bolts, nuts, pins, and bushings used under high temperature conditions ● Other ultra-high temperature applications involving exposure to conduction or radiation heat

Classification	Product Name	※1 NLGI (worked penetration) 25°C, 60W	Appearance	Thickener	Base Oil	Kinematic Viscosity of Base Oil 40°C	※3 Solid Lubricants Contained	Approximate Operating Temperature Range	Description	NET, Packing Unit, Code
Cement Plants	Moly HTD-B Grease	No.1 (320)	Gold	Bentone	Mineral Oil + Synthetic Oil	480mm <sup>2</sup> /s	Molybdenum Disulfide, Copper, Tin	-10 ~ +800°C	A Bentone grease that produces a dry lubricating film at high temperature of 300°C or more.	16kg (Code : 237175)
	Sumitemp Grease S	No.2 (281)								
		No.1 (325)								
		No.0 (367)								
	Sumitemp Liquid S-D	—	—	—	Vegetable Oil	—	—	-25 ~ +800°C	Sumitemp Liquid S-D, a penetrating and easy-to-apply liquid formulation, produces a semi-dry film.	4kg×2 (Code : 238973)
Ironworks	Moly Paste S	No.1 (330)	Black	Alkali Soap	Synthetic Oil	109mm <sup>2</sup> /s	Molybdenum Disulfide, Graphite	-20 ~ +600°C	A special wax grease formulated with high doses of solid lubricants and a highly volatile synthetic oil. At high temperatures, the oil component evaporates and this produces a dry lubricating film.	16kg (Code : 215175)
	SN-B Grease	No.1 (340)	Dark Brown	Bentone	Mineral Oil + Synthetic Oil	435mm <sup>2</sup> /s	Molybdenum Disulfide, Graphite, Copper	-10 ~ +800°C	Bentone/inorganic greases with low evaporation loss and carbon residue.	2.5kg×2 (Code : 236172)
Other	GSN Coat 10	—	Black	—	—	—	Graphite	≤+600°C	A formulation of graphite and a special water-soluble resin. It produces a durable lubricating film with excellent pressure resistance and low friction properties at high temperatures. Ideal for sliding parts in steel mill sliding nozzles and similar applications.	4kg×2 (Code : 559073) 20kg (Code : 559076)