

HIGH-TEMP GREASE

High-Temp Grease is formulated with an inorganic thickener and highly refined base oil. It contains EP agent and rust inhibitors. HI-TEMP GREASE possesses resistance to water washing and provides effective protection against rust and corrosion for both ferrous and non-ferrous metals.

BENEFITS

- Thickener does not melt, has extremely high dropping point.
- Will not soften and leak from bearings exposed to high temperature.
- Resistance to water washing, steam and humid conditions.
- Consistency maintained despite cycling temperature conditions.
- Good pumpability.
- Molybdenum enhanced EP characteristics.

APPLICATIONS

High-Temp Grease is recommended for applications where continuous high temperatures or intermittent very high temperatures are experienced. The maximum usable temperature for Hi-Temp grease for extended service is 200 °C. National Hi-Temp grease is recommended for application such as furnace door bearings and kiln car wheel bearings and for general industrial lubrication where non-melting grease is required. It can also be used in ambient temperature applications such as roll neck bearings where high resistance to water washing is needed.

PRODUCT CHARACTERISTICS

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	2	-
Color	-	Grey Black	Visual
Texture	-	Smooth	Visual
Thickener Type	-	Bentonite	-
Mineral Oil Viscosity @40°C	mm ² /s	25.0	ASTM D-4052
Mineral Oil Viscosity @100°C	mm ² /s	>300	ASTM D-2265
Dropping Point (min)	°C	Pass	ASTM D-2265
Rust Test	-	Pass	ASTM D-1743
Timken OK Load (min)	kg	18	ASTM D-2509
Worked Penetration @25°C	mm/10	265/295	ASTM D-217
Oil Separation % (max)	% mass	3	ASTM D-1742
Operating Temp	°C	Stationary Sys max 200	-
Operating Temp	°C	Circulation Sys max 275	-
MoS2	% mass	0.25	ASTM D-4951
Product Code	-	017042	-

