

GREASE SUPER HI-TEMP

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

BENEFITS

- Thickener does not melt, 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 rich, giving the grease a superb load carrying ability and enhance high temp characteristics.

APPLICATIONS

PETROMIN SUPER HI-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 220 °C.

PETROMIN SUPER 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.

In addition, it can be use in ambient temperature applications such as roll neck bearings where high resistance to water washing is needed.



PRODUCT DATA SHEET**PRODUCT CHARACTERISTICS***

| PROPERTIES | UNITS | VALUE | TEST METHOD |
|--------------------------------|--------------------|-------------------------|-------------|
| NLGI GRADE | - | 2 | - |
| Color | - | Grey Black | Visual |
| Texture | - | Smooth | Visual |
| Thickener Type | - | Bentonite | - |
| Mineral Oil Viscosity @ 100 °C | mm ² /s | 25.0 | ASTM D-445 |
| Dropping Point (min) | °C | >300 | ASTM D-2265 |
| Worked Penetration at 25 °C | mm/10 | 255/295 | ASTM D-217 |
| Oil Separation, mass % (max) | % mass | <1 | ASTM D-1742 |
| Operation Temp | °C | Stationary Sys max 200 | - |
| | °C | Circulation Sys max 275 | - |
| Timken OK Load | Kg | >40 | ASTM D-2509 |
| MoS ₂ | % mass | 2.0 | ASTM D-4954 |
| Product Code | | 0180 | |

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

