

## PRODUCT DATA SHEET

### GREASE HI-TEMP

PETROMIN HI-TEMP GREASE is formulated with an inorganic thickener and highly refined base oil. It contains EP agent and rust inhibitors. PETROMIN 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 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

PETROMIN 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 200 °C.

PETROMIN 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 @ 100 °C	mm <sup>2</sup> /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
Rust Test	-	Pass	ASTM D-1743
MoS <sub>2</sub>	% mass	0.25	ASTM D-4954
Product Code		0170	

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

