

# HI-THERMO 850

## High Temperature and Extreme Pressure Grease

### Description

Hi-Thermo 850 is an inorganic, lead free, multi purpose grease developed for lubrication of low and medium speed ball bearings operating under severe conditions at elevated temperatures.

### Applications

It is recommended for lubrication of journal and ball bearings used in iron and steel industry, cooling units and rotary steam couplings of kilns in cement industry, ball bearings and chain drives of ovenconveyors, journal and ball bearings of heavy duty construction equipments. It is recommended for lubrications of ball bearings at elevated temperatures between 175 °C and 210 °C. Please contact to our technical expert for applications above 195 °C.

### Benefits

- Ensures operation at elevated temperatures.
- Prevents the system against rust and corrosion.
- Provides excellent lubrication at elevated temperatures without decomposition due to its remarkable thermal stability.
- Extends the service life of bearings due it excellent oxidation resistance.
- Can be used in central lubrication applications.
- It does not drop.

### Performance

DIN 51825: KP1(1,5) R-20

### Typical Specifications\*

NLGI		1
Thickener Type		Bentonite
Colour		Yellow
Base Oil Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D-445	550
Timken OK, lb	ASTM D 2509	60
Dropping Point, °C	ASTM D 566	N/A
Welding Load	ASTM D 2596	400
Rust Test	ASTM D 1743	Pass

\* Values shown may differ between productions.



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