



**Aerolube Technologies**



### Technical Data Sheet

## **Pyrotech PAG 600 EXTREME TEMPERATURE GREASE**

### Product Description

Stanvac Pyrotech PAG 600 Grease is a synthetic grease for the lubrication of plain, ball and roller bearings operating at high temperatures. It is formulated from a blend of fine particle solid lubricants, incorporated into a synthetic fluid with an advanced thickening system.

This grease has a broad operating temperature range and at elevated temperatures (over 200°C) the synthetic base fluid evaporates without carbonizing leaving behind only a dry lubricating film of solids. This dry film adheres naturally to metal component surfaces and provides exceptional lubrication even under the most severe conditions.

In many high temperature greases, limitations to performance are imposed by the base fluid and thickener. The base fluid may suffer thermal degradation leaving carbonaceous deposits and the thickener (depending on type) may melt or cause build up of solid matter, leading to bearing failure. These problems are overcome with Stanvac Pyrotech PAG 600 Grease.

### Applications

- Designed for lubrication of plain, ball and roller bearings operating at high temperatures. Applications include: kiln car bearings, furnace doors, drying tunnels, steel rolling mills, and “hot” bearings in brick-works and paper mills. Pyrotech PAG 600 grease can also be used as an assembly and running compound.

### Benefits

- Broad operating temperature range -30°C to +600°C
- Synthetic high temperature base fluid, non-carbonizing
- Non-clay thickener system -no clay build up at high temperatures
- Non soap thickener, non-melt
- Very high load carrying capacity

### Directions for Use

Use as supplied. Never dilute or mix with other oil or grease.

### General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

### Available Packaging

1 kg

### Shelf Life

36 months from date of manufacture in sealed condition.

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## Pyrotech PAG 600 EXTREME TEMPERATURE GREASE

TECHNICAL PROPERTY		
Parameter	Test Method	Value
Type	In house	Synthetic lubricant
Appearance	Visual	Smooth grease
Color	Visual	Black
Base Oil	In house	Synthetic
Thickener	In house	Special proprietary
NLGI Grade	ASTM D 217	2
Penetration, Worked	ASTM D 217	265-295
Dropping Point	ASTM D 2265	None
Operating Temperature Range, °C	In house	-30 to +600

### Disposal

All used and unused product should be disposed of in accordance with state regulations.

### Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from Aerolube or your local Aerolube distributor.

### Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended Stanvac product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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