TECHNICAL DATA SHEET

TRIBOPERF POWDER 500

HIGH TEMPERATURE SYNTHETIC GREASE FOR PAINTING LINES

Q-TRIBO TRIBOPERF POWDER 500 is a high-performance grease specifically formulated for bearings and mechanical components used in powder coating/painting lines, where equipment is exposed to severe temperatures and demanding operating conditions.
It is particularly suitable for oven conveyor bearings, chain bearings, rollers, and other moving components operating in powder coating lines, where conventional greases may deteriorate rapidly.

Q-TRIBO TRIBOPERF POWDER 500 provides reliable lubrication under extreme temperature conditions and can be used in environments exposed to paint/powder residues, solvents and acidic contaminants. Its formulation is designed to maintain lubrication performance where temperature control and relubrication conditions are difficult.

ADVANTAGES

- Very high thermal stability TRIBOPERF POWDER 500 allows lubrication at temperatures of around 280/300°C, as well as lifetime lubrication in a range from -25°C to 180°C.
- Highly resistant to solvents and acid vapours: significantly extended lubrication intervals
- Compatible with most metals and elastomers
- Exceptional resistance to oxidation, ensuring unrivalled service life,
- The use of TRIBOPERF POWDER 500 : systematically leads to major savings in manpower and machine downtime, and significantly improves the lifespan of equipment.

TYPICAL APPLICATIONS

- Bearings in powder coating and painting ovens
- Conveyor and chain bearings
- Oven rollers and guide systems
- Equipment exposed to solvents or acidic environments

CHARACTERISTICS

	Units	
Colour		**White**
Specific gravity		**1.97**
Thickener		**Organic gelling agent**
NLGI grade		**2**
Base oil - nature		**PerFluoroPolyEther**
Base oil viscosity at 40°C	*ISO*	**480**
Evaporation loss 250°C/336h	*%*	**5**
4 ball machine – welding load	*kg*	**620**
Temperature range of use	°C	**-40 to +250**

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