

Essential TX 460 Specialist Grease for the Textile Industry

Product Information

Description and Use

Essential TX 460 is a synthetic PFPE grease designed for use in textile mills and textile/non-woven manufacturing sites. Essential TX 460 provides protection against wear, rusting, and corrosion over the wide temperature range encountered in the textile industry.

Uses include bearings in high heat zones (e.g., tenter frame chains and clips, ovens, dryer cans, and steamers), as well as fabric and film stretching guide rails and clips.

Product Benefits

Essential TX 460 offers extended re-lubrication cycles and longer equipment life compared to other lubricant technologies. Essential TX 460 will not oxidize or form carbonaceous deposits. It is non-toxic, nonflammable, and chemically inert. Essential TX 460 is a cost-effective lubricant, helping to reduce labor-intensive maintenance and equipment downtime due to component failure. Essential TX 460 is compatible with most metals, elastomers, and plastics.

Storage and Shelf Life

Essential TX 460 has no expiration date and an indefinite shelf life, if unopened and stored in a clean, dry location.

Typical Properties of Essential TX 460

ISO Grade of Base Oil	460
Maximum Useful Temperature, °C (°F)	288 (550)
Specific Gravity of Grease	2.2
Oil Separation, % 30 hr at 204 °C (399 °F) ASTM D6184	<10
Appearance	White, creamy texture
NLGI Grade	2
Oil Volatility, Maximum % 22 hr at 204 °C (400 °F) ASTM D2595	<2

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