SYNTHETIC HIGH TEMP RED 007 GREASE

Last Updated: 09.01.2025
Product Code: GR0007R

SYNTHETIC HIGH TEMP RED 007 GREASE is a premium quality lithium complex thickened grease for plain and anti-friction bearing, designed to withstand high temperatures over extended periods without leaving dry residues associated with conventional types of thickeners used in high temperature greases.

APPLICATION

Synthetic High Temp Red 007 grease has a recommended operating temperature range of -500C to +1700C with appropriate relubrication intervals. Its primary uses are in grease-filled industrial gear cases subject to high temperatures, where conventional semi-fluid greases will not provide acceptable lubricant life, and in non-driven heavy-duty truck trailer wheel hubs. Also recommended for machine tool applications.

Application Considerations: Although Synthetic High Temp Red 007 Grease is compatible with most mineral oil based products, admixture may detract from their performance. Consequently, it is recommended that before changing a system, it should be thoroughly cleaned out to achieve the maximum performance benefits of this product.

BENEFITS

- Excellent high temperature resistance extending lubrication intervals
- Considerably reduces carbon residues associated with other high temperature greases
- Extreme Pressure additives and PTFE to extend component life
- Excellent corrosion resistance protects components from humid environments

TYPICAL PROPERTIES

Appearance	Smooth Red grease
Thickener	Lithium Complex
NLGI classification	00
Base oil	A blend of synthetic oils
Base oil Viscosity	460 cSt
Solid lubricant	PTFE
Dropping point (ASTM D2265)	>230°C
Dynamic corrosion resistance (EMCOR) (IP 220)	0:0

Shell 4 Ball (IP 239) (ASTM D2596)

Weld Load	355kgs
Load Wear Index	68kg
Corrosion (ASTM D130)	1b
dN factor	750,000
Operating temperature range	-50°C to 170°C with short periods up to 200°C

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)
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NOTE: Read and understand all precautions on container labels before using this product.

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