

# TEMP-GUARD™

## SYNTHETIC HIGH-TEMPERATURE GREASE



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### DESCRIPTION

**TEMP-GUARD™** is a high quality synthetic grease for high-temperature applications. It contains both graphite and molybdenum disulfide to give the product both low-friction and extreme-pressure capabilities. The synthetic fluid in this product provides exceptional low-temperature flow characteristics as well as high-temperature stability. Its inherent oxidation resistance is further enhanced with high-temperature carbon controlling antioxidants. There are no polymers to build viscosity or viscosity index. This unique feature results in a reduced tendency to coke or form varnish deposits in high temperature applications.

**TEMP-GUARD** contains no organometallic additives that would decompose at elevated temperatures reducing the lubricative characteristics of the product. The excellent friction and wear properties are a result of a carefully balanced package of the synthetic lubricant, molybdenum disulfide, and graphite.

- Synthetic oils and additives
- High flash point
- Excellent low temperature properties
- Nonmelting
- High film strength with low coefficient of friction
- Low volatility for less smoke and odors
- Color-Black

### APPLICATIONS

- Plain and anti-friction ball and roller bearings
- Kiln bearings
- Crushers
- Crane ladles
- Press and hammer guides
- High temperature blowers, fans and oven conveyors

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FOR APPLICATIONS TO 600°F (315°C)

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### PRODUCT CHARACTERISTICS

Thickener	Non Soap
Fluid Type	PAO & Synthetic Ester
Color/Appearance	Black Smooth Grease
Dropping Point (ASTM D-566)	None
Specific Gravity	1.00
Density (lb/gal)	8.3
Additive Type	Graphite & MoS <sub>2</sub>
Flash Point (ASTM D-92)	>600°F (316°C)
Autoignition Point (CALCULATED)	>680°F (360°C)
NLGI Grade	1½
Penetration @77°F (ASTM D-217)	285 - 315
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	400
Load Wear Index	50
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
PSI Drop, 100 hours	<10
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C	100 - 150

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### PACKAGING

Code No.	Container Size	Container
31816	5 gal / 20 L	Pail

### LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

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