



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

TEMP-GUARD™ High-Temp Grease

DESCRIPTION

TEMP-GUARD is a high quality synthetic grease for high temperature applications. It contains both graphite and molybdenum disulphide to give the product both low friction and extreme pressure capabilities. The synthetic fluid of 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 anti-oxidants. 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 and reduce the characteristics of the product. The excellent friction and wear properties are a result of a carefully balanced package of the synthetic lubricant, molybdenum disulphide and graphite.

Penetration @ 25°C (77°F) (IP50/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 Hrs:	<10,0
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C (104°F):	51 - 75

ADVANTAGES

- No petroleum based oils or additives.
- High flash point.
- Excellent low temperature properties.
- High film strength with low coefficient of friction.
- Low volatility for reduced smoke and odours.

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.

PRODUCT CHARACTERISTICS

Service range:	-23°C (-9°F) to 315°C (599°F)
Thickener:	Non Soap
Fluid Types:	Synthetic Ester
Colour:	Black
Dropping Point(ASTM D-566):	None
Specific Gravity:	1,09
Additive Types:	Graphite & MoS2
Flash Point (ASTM D-92):	>316°C (600°F)
Autoignition Point (CALCULATED):	>360°C (680°F)
NLGI Grade:	1 - 1,5

PACKAGING

Code	Net contents	Container
47182011	400g	Cartridge
16861909	500g	Tub
66703716	1kg	Tub
25954685	5kg	Pail
37420369	12,5	Pail

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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