

MYSTIK® JT-6® SYNTHETIC BLEND GREASE



Date 01/10

DESCRIPTION:

Mystik JT-6 Synthetic Blend Grease (formerly known as Mystik SX-6 Grease) is a premium quality, multi-purpose, high temperature, lithium complex EP grease with excellent low temperature properties. A unique blend of petroleum base oils and synthetic fluids gives this grease excellent resistance to oxidation at elevated temperatures and exceptionally low start-up resistance (torque) under extreme low temperature conditions.

Engineered to protect under severe operating conditions, Mystik JT-6 Synthetic Blend Grease contains EP/antiwear, rust, and oxidation inhibitor additives to provide superior protection for a wide range of applications and service conditions. Mystik JT-6 Synthetic Blend Grease is categorized as an excellent high/low temperature multi-purpose grease due to its ability to lubricate over a very broad temperature range in a wide variety of automotive, agricultural, trucking, industrial, mining, and construction applications even in severe service conditions. It meets the highest performance categories of ASTM D 4950 Automotive Grease Classification System, GC for wheel bearing service and LB for chassis service, and is NLGI certified GC-LB for dual-service.

FEATURES:

- A premium quality, multi-purpose, high temperature, lithium complex EP grease with excellent low temperature properties
- Fully additive treated. EP/antiwear, rust and oxidation inhibited
- Excellent oxidation and corrosion resistance
- Superior antiwear protection
- Excellent oil bleed characteristics
- Exceptionally low start-up resistance (torque) under low temperature conditions
- A unique blend of petroleum base oils and synthetic fluids in an optimized formulation that provides excellent low temperature, high temperature, and seal compatibility performance
- Certified by the NLGI for ASTM Service Classification GC-LB (ASTM D 4950) for use as a dual-service grease for wheel bearing and chassis applications

APPLICATIONS:

- Engineered for the lubrication and surface corrosion protection of vehicles and equipment operated over the temperature range of -54 to 180°C. (-65 to 356°F.)
- Excellent for high speed bearing applications
- Superior protection to lubricate a wide variety of automotive, agricultural, trucking, industrial, mining and construction equipment
- Provides excellent performance in severe applications

CLASSIFICATION:

Listed under NSF H-2



(Continued)

**M Y S T I K[®] J T - 6[®] S Y N T H E T I C
B L E N D G R E A S E**



Date 01/10 - (Continued)

TYPICAL PROPERTIES:

MYSTIK[®] JT-6[®] SYNTHETIC BLEND GREASE

Material Code	665051002
NLGI Consistency Number	2
NLGI Certified, ASTM D-4950	GC-LB
Thickener	Lithium Complex
Texture	Smooth, Buttery
Color, Observed	Blue
Unworked Penetration, ASTM D 217	+/- 15 WK-60
Worked 60 Penetration, ASTM D 217	265-295
Worked 100K Penetration, ASTM D 217	+/- 25 WK-60
Dropping Point, ASTM D 2265, °F (°C)	500 (260)
Wheel Bearing Leakage, ASTM D 4290, g loss	2.0
Water Washout, ASTM D 1264, % loss at 100°F	1.4
Rust Prevention, ASTM D 1743, rating	Pass
Copper Bearing, ASTM D 1261, rating	1A
Oxidation Stability, ASTM D 942, psi drop	2.5 at 100 hrs.
Oil Separation, ASTM D 1742, % loss	1.0
Oil Separation, ASTM D 6184, % loss	3.0
Low Temperature Torque at -40°C, N-m	3.2
High Temperature Life, ASTM D 3527, hrs.	140
Evaporation Loss, ASTM D 972, % loss	2.0
Timken OK Load, ASTM D 2509, lb.	65
Four-Ball Wear, ASTM D 2266, mm	0.45
Four-Ball EP Weld Point, ASTM D 2596, kgf	315
Base Fluid Viscosities	
at 40°C, cSt	68.9
at 100°C, cSt	13.5
Viscosity Index	202