

M Y S T I K [®] J T - 6 [®] H I - T E M P G R E A S E S

Date 01/04

NLGI Certified GC-LB**DESCRIPTION:**

These high temperature Lithium Complex greases combine excellent multi-purpose properties with a high dropping point to give them application over a wide temperature range. Mystik[®] JT-6[®] Hi-Temp greases exhibit a high Timken OK Load in addition to providing excellent Four-Ball Wear and EP performance. They provide superior protection to lubricate a wide variety of automotive, agricultural, trucking, mining, construction, and industrial equipment. They provide unequaled shock load protection. JT-6[®] Hi-Temp No. 2 is an extremely versatile performer that is highly recommended for disc brake wheel bearings and is specifically approved for use in Rockwell and Spicer universal joints. This grease provides excellent protection for heavily loaded industrial, mining, and construction applications. JT-6[®] Hi-Temp No. 1 was developed for applications where service conditions dictate a grease of softer consistency. Both meet the highest performance categories of ASTM D-4950 Automotive Grease Classification System, GC for wheel bearing service and LB for chassis service and are NLGI certified GC-LB for dual-service.

APPLICATIONS:

- Mystik[®] JT-6[®] Hi-Temp Grease provides excellent protection in severe service requirements such as disc brake wheel bearings, backhoe hinge pins, and conveyor bearings
- Mining operations, sand/gravel plants, and construction equipment where shock loads are placed on bearings benefit from the use of Mystik[®] JT-6[®] Hi-Temp Grease

CLASSIFICATION:

Spicer Universal Joint Division of Dana Corporations has approved Mystik[®] JT-6[®] Hi-Temp Grease (Code 665005002) as having met M-2006-J specification for Hi-Temperature Lubricant.

TYPICAL PROPERTIES:**MYSTIK® JT-6® HI-TEMP GREASES**

Material Code	665003002	665005002
NLGI Consistency Number	1	2
NLGI Certified, ASTM D 4950	GC-LB	GC-LB
Thickener	Lithium Complex	Lithium Complex
Texture	Smooth, Adhesive	Smooth, Adhesive
Color	Red	Red
Worked 60 Penetration, ASTM D 217	310-340	265-295
Dropping Point, ASTM D 2265, °F. (°C.)	500 (260)	550 (288)
Wheel Bearing Leakage, ASTM D 4290, g loss	8.1	2.0
Water Washout, ASTM D 1264, % loss	9.4 @ 175°F.	2.5 @ 175°F.
Rust Prevention, ASTM D 1743, rating	Pass	Pass
Copper Corrosion, ASTM D 4048, rating	1B Max.	1B Max.
Oxidation Stability, ASTM D 942, psi drop	2 @ 100 hrs.	2 @ 100 hrs.
Oil Separation, ASTM D 1742, % loss	2	1
Timken OK Load, ASTM D 2509, lb.	80	80
Four-Ball Wear, ASTM D 2266, mm	0.45	0.45
Four-Ball EP Weld Point, ASTM D 2596, kgf	315	315
Four-Ball Load Wear Index, ASTM D 2596, kgf	50	50
Four-Ball Last Nonseizure Load, ASTM D 2596, kgf	80	80
Approximate Temperature Range, °F. (°C.)	-10 to 325 (-23 to 163)	-10 to 325 (-23 to 163)
Base Fluid Viscosities		
@ 40°C., cSt.	633	633
@ 100°C., cSt.	44.0	44.0
@ 100°F., cSt. (SUS)	728 (3370)	728 (3370)
@ 210°F., cSt. (SUS)	45.6 (214)	45.6 (214)
Viscosity Index	116	116