

MYSTIK® JT-6® SYNTHETIC HI-TEMP GREASES



Date 08/11

DESCRIPTION:

Mystik JT-6 Synthetic Hi-Temp Greases are high-temperature, full synthetic lithium complex greases that combine excellent multi-purpose properties with a high dropping point and low temperature pumpability that provides a wide operating temperature range. Mystik JT-6 Synthetic Hi-Temp Greases exhibit excellent wear control, EP performance and provide excellent water resistance critical in a variety of applications today. These products provide excellent corrosion protection in those applications with corrosive environments. Mystik JT-6 Synthetic Hi-Temp Greases provide superior protection in heavily loaded industrial, mining and construction applications as well as automotive service classification GC-LB with the ISO 220 #2.

FEATURES:

- Premium quality lithium complex soap thickener
- Excellent corrosion protection, EP/AW
- Outstanding low temperature performance and pumpability
- Excellent water resistance
- Excellent high-temperature oxidation resistance

APPLICATIONS:

- Heavy Industrial
- Mining
- Steel Mills
- Construction
- Automotive Service (ISO 220 #2 Only)

CLASSIFICATION:

Registered NLGI GC-LB (ISO 220 #2 Only)



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HI-TEMP GREASES**



Date 08/11 - (Continued)

TYPICAL PROPERTIES:

MYSTIK® JT-6® SYNTHETIC HI-TEMP GREASES

ISO Viscosity Grade	100	100	220
Material Code	665071002	665072002	665077002
NLGI Consistency Number	1	2	2
Texture	Smooth	Smooth	Smooth
Color, Observed	Blue	Blue	Blue
Worked 60 Penetration, ASTM D-217	310-340	265-295	265-295
Dropping Point, ASTM D-2265 °F (°C)	500 (260)	500 (260)	500 (260)
Rust Prevention, ASTM D-1743, rating	Pass	Pass	Pass
Emcor Corrosion Protection	Pass	Pass	Pass
5% Synthetic Sea Water Corrosion	Pass	Pass	Pass
Water Washout, ASTM D-1264, % Loss	1.2	1.5	1.82
Oil Separation, ASTM D-1742, g Loss			0.90 Loss
High Temperature Life, ASTM D-3527, hrs			100
Wheel Bearing Leakage, ASTM D-4290, g Loss			3.2
Low Temperature Torque, ASTM D-4693, N-m	1.2	1.5	2.3
Fretting Wear, ASTM D-4170, mg			5.4
Four Ball EP Weld Point, ASTM D-2596, kgf	500	500	500
Four Ball Load Wear Index, ASTM D-2596, kgf	0.44	0.44	61.5
NLGI Classification			GC-LB
CHARACTERISTICS OF BASE OIL			
Viscosities:			
at 40°C, cSt	114	114	220
at 100°C, cSt	14.9	14.9	25.3
Viscosity Index	134	134	144