



Molysyn Manufacturing Co.

ISO  
9002  
Certified

# TECHNICAL DATA

102 Barton Street, St. Louis, USA

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## M-490 USDA H-1 Food Grade Lubricating Mineral Oil (LVI)

### FEATURES:

- Exceptional Purity And Stability
- USDA H-1 & FDA Compliant
- High Temperature Performance
- Colorless, Odorless, Tasteless
- Non Carbonizing Nature
- Excellent Corrosion Properties

### PRODUCT INFORMATION

**MOLYSYN – 490** : Is truly multi-purpose, H-1 Food Grade Non-Toxic, highly refined white mineral oil severely hydro-finished colorless, tasteless, odourless and chemically stable. **M-490** is light viscous oil consists of saturated aliphatic and alicyclic non-polar hydrocarbons.

**M-490** has the following performance characteristics:

- Excellent Thermal Stability.
- Excellent resistance to Oxidation and Thermal Degradation.
- Low Volatility
- Low Carbon Forming Tendencies
- Superior Hydrolytic Stability
- Reduced System Maintenance

### TYPICAL PROPERTIES:

Specific Gravity @ 25 C	.838 / .860
Viscosity @ 40 C, cST (ASTM D-445)	15.1 / 18.3
Flash Point C(ASTM D-92)	204
Pour Point C (ASTM D-97)	-10
Hydrolytic Stability (ASTM D-2619)	
Copper Wt Loss mg/cm	0.01
Appearance	Clear