



# AMERILUBE

ADVANCED TECHNOLOGY LUBRICANTS

## SERIES EMT

**SUPER PREMIUM SYNTHETIC  
BOWL MILL LUBRICANTS**

American Synthol, Inc.

4343 Shallowford Road, Suite D2,  
Marietta, GA 30062  
Phone: 888-378-9290  
Fax: 888-731-9534

## AMERILUBE SYNTHETIC BOWL MILL LUBRICANTS

AMERILUBE EMT Synthetic Bowl Mill Lubricants are super premium, ultra heavy duty fluids, designed specifically for gear driven pulverizers. They provide outstanding performance for the severe duty, shock loads found in these units. Amerilube EMT fluids are formulated to resist shear, provide exceptional lubricity, protect against rust and corrosion. They are designed to operate in the 250 °F range, have outstanding oxidative and thermal stability and readily separate from water. Amerilube EMT fluids are designed to minimize power consumption and maximize change intervals. These fluids are compatible with all seal materials and petroleum based gear lubricants. They exhibit excellent cold start up performance and exceed the requirements of U.S. Steel 224 and AGMA 9005. These fluids qualify as AGMA EP gear lubricants.

- Excellent Oxidation Stability
  - Very High Viscosity Index
  - High Flash & Auto-Ignition Points
  - Very Low Volatility
  - Excellent Film Strength
  - Excellent Coolant Properties
- Very Long Fluid Life
  - Excellent Rust Control
  - Excellent Sludge and Varnish Control
  - Reduced Maintenance Costs
  - Reduced Downtime
  - Excellent Water Separation

### Typical Properties

Lubricant Designation	EMT 320 (SGL320)	EMT 460 (SGL460)	EMT 680 (SGL680)
AGMA #	6 EP	7 EP	8 EP
Specific Gravity	.8756	.8768	.8796
Viscosity Index	141	145	148
Viscosity cSt @ 40 °C	304	405.0	645
Viscosity cSt @ 100 °C	31.1	39.1	55.5
Flash Point °F	518	525	538
Auto-Ignition Point °F	821	832	840
Pour Point °F	-20	-15	-15
Timken "OK" Load Kg	>45	>45	>45
Four Ball Wear Scar Dia, mm 40 Kg, 1200 RPM, 1 hr	.30	.30	.30
Four Ball Weld, Kg	235 Kg	240 Kg	250 Kg
FZG Pass Stage	+13	+13	+13
Copper Corrosion, 24 Hr	1b	1b	1b
Rust Test	Pass	Pass	Pass
Demulsibility, 130 °F, 30 min	40/38/2	40/38/2	40/38/2