



TECHNICAL DATA

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227 MOLY ROLLER CHAIN LUBE

Moly Roller Chain Lube is an anti-wear, extreme pressure, penetrating, o-ring safe chain lube that is specially formulated to lubricate high speed or medium speed roller chains found in automotive, industrial, farming, construction, and mining applications.

Moly Roller Chain Lube is blended from a unique formula that contains penetrating oils, special friction releasing and extreme pressure additives, and rust and corrosion inhibitors. This unique formula provides the following performance benefits:

- Rapid and maximum penetration into the pins and bushings reducing wear, chain stretch and dripage.
- Rapid penetration into the pores of the metal surfaces of the chains to help free frozen chains.
- Quickly produces flexible chain action and elimination of chain stick/slip motion.
- Superior rust and corrosion protection.
- Formation of a protective layer that rejects abrasive particles such dirt, sand and salt.
- Excellent displacement of moisture and formation of a protective barrier against moisture.
- Superior extreme pressure and anti-wear properties that increases chain life and reduces downtime.
- Quieting and elimination of noisy chains.
- Will not affect any seal materials and coatings and will not swell or shrink O-rings

Further blended into this unique formula are molybdenum disulfide and other solid lubricants. The molybdenum disulfide and other solid lubricants adhere to the metal surfaces forming an indestructible long lasting solid lubricant film. This long lasting solid lubricant film resists removal by water and heat and is capable of withstanding pressures up to 500,000 pounds per square inch. This solid lubricant film also reduces the friction on the pins, rollers and bushings, thus allowing the life of the chain and the sprockets to be consistently tripled.

Moly Roller Chain Lube does not contain any chlorinated solvents such as 1,1,1 trichloroethane and methylene chloride or chlorofluorocarbons which are considered harmful to the environment.

Moly Roller Chain Lubricant's operating temperature range is -35°F to 250°F

TYPICAL PROPERTIES

ISO Viscosity Grade	22
API Gravity (ASTM D287)	29
Specific Gravity	.9064
Viscosity SUS 100°F (ASTM D445)	100 - 120
Viscosity cSt @ 40°C (ASTM D445)	19.0-24.20
Viscosity cSt @ 100°C (ASTM D445)	3.47-4.98
Flash Point °F/°C (ASTM D97)	306°/152°
Pour Point °F/°C (ASTM D92)	-40°/-40°
Four Ball EP Test (ASTM D2783)	
Weld Point, kg.	250
Load Wear Index	24.35
Four-Ball Wear (ASTM D4172)	
Scar diameter, mm (20kg, 167°F, 1 hour)	0.32
Scar diameter, mm (40kg, 167°F, 1 hour)	0.36
Four-Ball Coefficient of Friction (ASTM D5183), 60kg Load	0.0878
Falex Continuous Load (ASTM D3233), Failure Load, lbs.	1750
Rust Test Procedure B (ASTM D665)	Pass
Copper Strip Corrosion Test (ASTM D130)	1B

VOC Regulations: CA: Product is for use in the manufacturing process only.