

# MAX-CHAIN<sup>®</sup>

Dry Film / EP Lubricant for Chains, Open Gears, Sliding Surfaces



Beyond Synthetic™

## Beyond Synthetic™

Max-Chain<sup>®</sup> is recommended for chains and open gears operating in dusty environments.

Max-Chain<sup>®</sup> is an advanced, high performance, synthetic lubricant that provides excellent protection for chains, open gears and exposed metal surfaces subjected to severe loading — even in wet, acidic environments. Max-Chain<sup>®</sup> is a unique, thixotropic lubricant blended with a solvent carrier. It can easily be applied by either spraying or brushing. Once applied, the carrier evaporates, leaving a tenacious, dry, wax-like film. This non-tacky film effectively minimizes the collection of abrasive dust and other airborne contaminants. The EP properties of Max-Chain<sup>®</sup> greatly reduce wear and effectively extend equipment life. Max-Chain<sup>®</sup> can lubricate up to 400°F (after carrying solvent has evaporated) and provides excellent protection against rust and corrosion. Max-Chain<sup>®</sup> has a CO<sub>2</sub> propellant.

Note: Caution — Consult manufacturer for high temperature applications.

### Synerlec<sup>®</sup> additive technology makes the difference!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synerlec<sup>®</sup> additive technology that gives its lubricants their amazing performance advantages. Synerlec<sup>®</sup> additive technology truly is *beyond synthetic*.™

Synerlec<sup>®</sup> additive technology forms a tough, slippery, synthetic film on all metal surfaces. This proprietary film significantly improves lubrication: first, by increasing the oil film's thickness, and second, by increasing the oil film's toughness, both of which help to prevent metal-to-metal contact. It displaces moisture from metal surfaces and protects all metals against rust and corrosion. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

## Performance Advantages:

- **Easily Applied**  
Apply Max-Chain<sup>®</sup> by brushing or spraying.
- **Long Lasting**  
Max-Chain<sup>®</sup> forms an extremely durable, long lasting film, which eliminates the need for frequent application.
- **Excellent for Dusty Environments**  
Max-Chain<sup>®</sup> does not collect dust and protects against abrasive wear.
- **Protects Heavily Loaded Surfaces**  
The tenacious, EP lubricating film of Max-Chain<sup>®</sup> also protects heavily loaded surfaces
- **Excellent Corrosion Protection**  
Max-Chain<sup>®</sup> effectively works to prevent rust and corrosion in all situations, including salt spray and acidic environments. It is excellent for preserving equipment parts during periods of extended storage.
- **Environmentally Responsible**  
Max-Chain<sup>®</sup> biodegrades to leave only small quantities of Calcium Carbonate and Calcium Sulfate, both of which are naturally occurring, pure minerals.

## Typical Properties\*

Viscosity	
cSt @ 40°C	3.8
cSt @ 100°C	1.4
SUS @ 100°F	39
SUS @ 210°F	31
Density @60°F	
Specific Gravity	0.825
Lbs./Gal.	6.87
Aerosol Flash °F	105 min.
Flash, °F	145
Metals	
Calcium, ppm	1740

\*All properties are typical and may vary.