MAX-CHAIN

SYNTHETIC CHAIN LUBRICANT

Royal Purple® Max-Chain® 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 dusty, wet, acidic environments. Max-Chain® is a unique, thixotropic lubricant blended with a solvent carrier. When applied, Max-Chain penetrates the rollers, pins and bushings of the chain, then 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® greatly reduce wear and effectively extend equipment life. Max-Chain® is suitable for operating temperatures up to 400°F (after carrying solvent has evaporated) and provided excellent protection against rust and corrosion. Max-Chain® uses a non-petroleum CO2 propellant.

Synerlec® technology provides an exceptional film strength increase compared to any other comparable lubricant. The protection provided by Synerlec® dramatically reduces metal-to-metal contact and frictional wear, helping to extend power steering system component life and reduce parasitic power loss. Synerlec® also provides the lubricant with outstanding oxidation resistance to increase lubricant useful life and safely extend oil drains. The ionic attraction of Synerlec® to metal components provides unmatched wear protection, even in the absence of a full oil film.

PERFORMANCE ADVANTAGES

SUPERIOR WEAR PROTECTION – Advanced anti-wear and EP additives greatly reduce wear and chain stretch

DRY, NON-TACKY FILM – Applies wet and dries to a wax-like EP film; does not attract abrasive particles

EXCELLENT CORROSION PROTECTION – Prevents surface rust, and rust between chain pins, rollers and bushings

TECH TIP

For best results shake Max-Chain® well before each use and use the can in an upright position to maximize aerosol propellant life.

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TECHNICAL DATA

Property	Test Method	
Viscosity @ 40°C, cSt	ASTM D445	5.2
Viscosity @ 100°C, cSt	ASTM D445	1.7
Flash Point, °C (°F)	ASTM D92	104 (220)
Pour Point, °C (°F)	ASTM D97	-57 (-71)
Rust Prevention, Dist. Water	ASTM D665A	PASS
Rust Prevention, Sea Water	ASTM D665B	PASS
4-Ball Wear, Scar, mm	ASTM D4172	0.4

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