

DuPont® Chain-Saver Wax-Based Chain Lube with Teflon® fluoropolymer

PRODUCT INFORMATION SHEET

Patented “self-cleaning” O-ring safe, dry wax lubricant extends chain and sprocket life up to 5x.



Formulation contains moly and Teflon® fluoropolymer for extreme pressure protection while being encased in a dry, wax film to prevent fling-off and dirt accumulation.



Product Description

- Formulated for chains and cables used in high contamination or wet environments.
- Goes on wet to penetrate & evenly coat frictional surfaces with a dry Teflon® fluoropolymer wax film.
- Wax film will not absorb abrasive contaminants including dirt, grit, paper dust, mill powders, lint and grass.
- Surface contaminants activate release agents, causing bits of the wax structure, and the contaminant, to shed off the chain or frictional surface. This patented “self-cleaning” process keeps parts clean, so they work better and last longer.
- Formulated with Teflon® fluoropolymer to ensure excellent resistance against water and chemical contaminants.
- Organic, non-staining molybdenum enhances boundary lubrication and delivers extreme pressure performance.
- Chain-Saver remains dry up to 120°F (48°C). From 120°F to 300°F (144°C), it performs like a conventional “wet-style” oil lubricant.

Ideal for use in applications where:

- Chains are exposed to abrasive contaminants, where traditional oil and grease lubricants attract dirt and contribute to abrasive wear.
- High RPM chains like motorcycle, ATV, Go-Kart etc, where conventional oil lubricants will fling-off.
- Chains or cables requiring a Teflon® fluoropolymer coating to resist chemical contaminants or water.
- Chains require an “O-ring safe” lubricant.

Outstanding Features

- Provides long-lasting lubrication in demanding conditions.
- Reduces equipment downtime, replacement parts & labor costs.
- Ensures smoother, more efficient operation & longer chain life.
- Non-oily, dry Teflon® fluoropolymer wax film will not attract or absorb abrasives.
- Provides a clean, thermally stable barrier between moving parts.
- Substantially increases the life of chains, sprockets and cables by minimizing contaminant build-up & abrasive wear.
- Reduces chain stretching and cable slop.
- Protects against rust and corrosion.
- Will not fling off, even in high RPM applications.
- Once dry, Chain-Saver will not drip – excellent for overhead chains, conveyors & rails.
- Safe for O-Rings.
- Contains no silicones.
- Non-staining film, typically dries in less than 15 minutes.



Typical Applications

- **Use on any moving part including:** Industrial Roller and Drive Chains, Conveyor Chains & Rollers, Cables, Winches, Sliding Tracks, Pivots, Threaded Parts, Cams & Pulleys. Motorcycle, ATV, Go-Kart & Bicycle Chains.

Directions For Use

1. Flammable fluid: Provide adequate ventilation, do not use near sources of ignition or extreme heat.
2. Shake or stir well before and during use to mix solids.
3. Spray, brush or dip part that requires lubrication.
4. Available in aerosol or bulk containers.

For best "self-cleaning" performance, start with clean parts and allow lube to fully dry.

Properties of Material

Base Lubricant	Performance Grade Lubricating Wax PTFE (Polytetrafluoroethylene) Organic Molybdenum Disulfide Synthetic Oils Synthesized Calcium Stearate Anti-wear Additives Rust & Corrosion Inhibitors	Appearance	White, Milky Consistency
		Flash Point	Aerosol: 0°F (-18°C) Bulk Liquid: 15°F (-9°C)
		NFPA Flammability Rating	3 (Highly Flammable)

Performance of Material

Pin and Vee Block Wear Test - Modified ASTM D-5620

Modified Method A – Endurance Life

Constant 200 lb. Load	13:39 to failure
Torque at Constant 200 lb Load	18.10

Field Testing – High Contaminant Applications

A leading producer of mail processing equipment has tested and now recommends Chain-Saver Technology with Teflon® fluoropolymer. They needed a long lasting lubricant that would not absorb paper dust. Their traditional oilbased lubricant had been causing the buildup of a paper dust grinding paste, causing their chains and sprockets to prematurely wear out, often in as little as 3 months. Chain Saver was ideal for this application, resulting in chains that remained clean, and chain life that increased by more than 5X!

Motorcycle Consumer News, and other independent product testing publications, recently completed their testing of Chain-Saver Lubricant. They found that after 300 miles of riding, 25 of which was on powdery dirt off-road trails, their chain remained clean, quiet, and smooth. Additionally, the rear wheel remained absolutely free of lube splatter. They concluded that the benefit of zero fling off, coupled with extreme cleanliness, makes Chain-Saver a superior chain lubricant for motorcycles and other high RPM chains.

Ordering Information

Part Number	Container Size	Part Number	Container Size
DM1204101	4 oz. Net Wt. Bottle	DCS024101	1.5 lb (24 oz) Jug
D00110101	11 oz. Net Wt. Aerosol	DCS096101	6 lb (96 oz) Jug
DCS614101	14 oz. Net Wt. Aerosol	DCS480101	30 lb (480 oz) Pail

For information on availability at specific retailers, visit the "Where to Buy" section of www.PerformanceLubricantsUSA.com

Storage - Keep away from heat, sparks and flame. Store in a well ventilated place.

Handling - For safe handling information, consult the SDS.

For questions regarding product use, safety or additional information, please contact:

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