



Quality You Can Count On



INTRODUCING PRO CHEM'S **CHAIN & CABLE LUBE**

IN THIS
POWERPOINT:



- INTRODUCTION
- PIS SHEETS ON AEROSOL and BULK
- SDS – THE WHY
- INDUSTRIES and MACHINERY
- RECAP
- STOCKED PRODUCT IN THE WAREHOUSE

CHAIN & CABLE LUBE #1794

Aerosol Synthetic Dry Film Lubricant



Features:

- Cleans and lubricates
- Prevents corrosion and rust
- Will not attract dirt
- Non-staining
- Chemical resistant
- Waterproof
- Displaces moisture



Description:

CHAIN & CABLE LUBE is a transparent, heavy-duty dry film lubricant that cleans, penetrates and lubricates. It is formulated with the latest synthetic additives to assure maximum penetration and protection against rust and corrosion. When applied, the carrier solvent quickly evaporates, leaving behind a wax-like extreme pressure lubricant which will not wash-off or attract dust. CHAIN & CABLE LUBE is formulated to lubricate, preserve and protect not only chains and cables but as an excellent extreme pressure lubricant for all bearings and sliding surfaces. It is designed to fit a wide variety of industrial, agricultural, marine, automotive and household uses.

For Use By:

- Industrial
- Marine
- Automotive
- Household Applications

Applications:

- Paper Mills
- Motorcycle Chains
- Guns
- Lock and Hinges
- Conveyor Bearings
- Chain Saws
- Bicycle Chains
- Conveyors
- Bushings and Shafts
- Nuts and Bolts
- Draglines
- Control Cables
- Chain and Cables
- Sliding Doors and Windows
- Cutting Blades

Product Characteristics:

Physical State:	Liquid
Color:	Amber
Odor:	Mild Solvent
Boiling Point:	232.22°C (450°F)
Vapor Pressure:	<0.08 kPa (<0.6 mm Hg) [room temperature]
Vapor Density:	>1 [Air = 1]
Solubility:	Insoluble in water
Relative Density:	0.83 g/ml
Flash Point:	Open cup: 110°C (230°F) [Cleveland.]
pH:	Not available
Evaporation Rate:	<0.1 (Butyl acetate = 1)
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.
Transport Information:	
UN Number:	Not regulated.
Proper Shipping Name:	-
Class:	-
Packing Group:	-

Directions:

Shake well before use. Spray an area to be treated. Carrier evaporates leaving lubricant film.

IMPORTANT: Contains solvent which may affect certain plastics. Test thoroughly before use. Use only in well ventilated area.

Pictograms:



Signal Word:
DANGER.

Personal Protective Equipment Required:



DOT Placard:
Not available.

CHAIN & CABLE LUBE - BULK #1794

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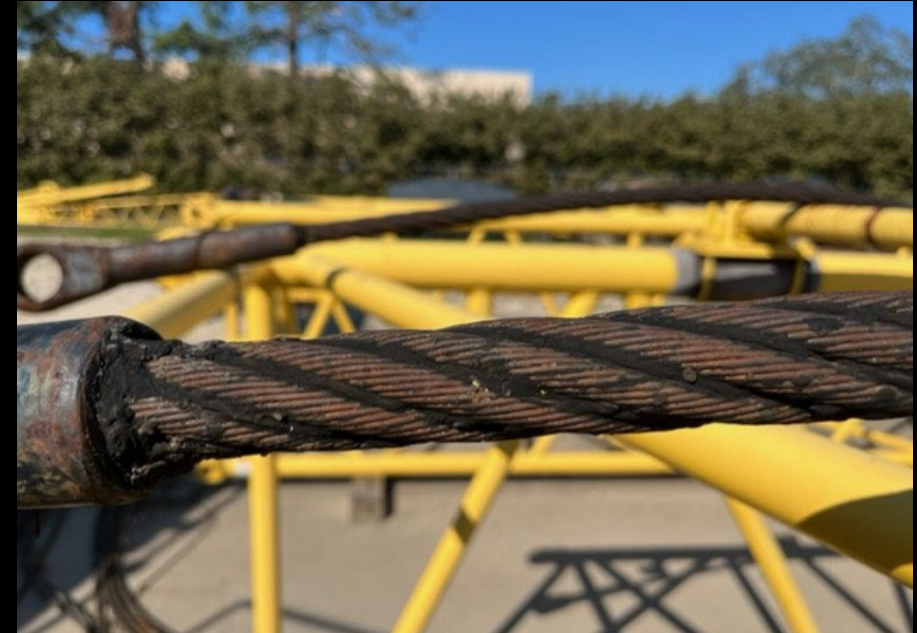
DOT Placard:
Not available.

SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	1794	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	CHAIN & CABLE LUBE - AEROSOL	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Synthetic Dry Film Lubricant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		
2. Hazards Identification			
GHS CLASSIFICATION:	OSHA/HC Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Classification of the substance or mixture: FLAMMABLE AEROSOLS - Category 1 GASES UNDER PRESSURE - Compressed gas	SIGNAL WORD: DANGER.	SYMBOL:  
HAZARD STATEMENTS:	H222 - Extremely flammable aerosol. H280 - Contains gas under pressure; may explode if heated.		
PRECAUTIONARY STATEMENTS:	Prevention: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Pressurized container. Do not pierce or burn, even after use. Response: Not applicable. Storage: P410 - Protect from sunlight. P412 - Do not expose to temperatures exceeding 50°C/122°F. P403 - Store in a well-ventilated place. Disposal: Not applicable.		
HAZARDS NOT OTHERWISE SPECIFIED:	None known.		
3. Composition / Information on Ingredients			
Chemical Name	CAS	Concentration % by Weight	
Solvent naphtha (petroleum) heavy aliph.	84742-98-7	≥50 - ≤75	
Distillates (petroleum), hydrotreated light	84742-47-8	≥50 - ≤75	
Hexadecan-1-ol	36653-82-4	≥1 - ≤3	
Substance/mixture: Mixture			
Any concentration shown as a range is to protect confidentiality or is due to batch variation.			
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.			
Occupational exposure limits, if available, are listed in Section 8.			
4. First Aid Measures			
EMERGENCY OVERVIEW			
EYES:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.		
SKIN:	Flush contaminated skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.		
INHALATION:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.		
INGESTION:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.		
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:			
Potential acute health effects:			
	Eye Contact:	No known significant effects or critical hazards.	
	Inhalation:	No known significant effects or critical hazards.	
	Skin Contact:	No known significant effects or critical hazards.	
	Ingestion:	No known significant effects or critical hazards.	

Product Name: CHAIN & CABLE LUBE – AEROSOL
Product Number: 1794 Revision Date: 1/7/2022

Pro Chem, Inc.
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GHS CLASSIFICATION: OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. Classification of the substance or mixture: Not classified.	SIGNAL WORD: No signal word.	SYMBOL: 
HAZARD STATEMENTS: No known significant effects or critical hazards.		
PRECAUTIONARY STATEMENTS: Prevention: Not applicable. Response: Not applicable. Storage: Not applicable. Disposal: Not applicable.		
HAZARDS NOT OTHERWISE SPECIFIED: None known.		
ADDITIONAL INFORMATION: Not applicable.		

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Solvent naphtha (petroleum) heavy aliph.	64742-06-7	≥75 - ≤90
Distillates (petroleum), hydrotreated light	64742-47-8	≥75 - ≤90
Hexadecan-1-ol	36853-82-4	≥1 - ≤3
Stearic acid	57-11-4	≥1 - ≤3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.
Occupational exposure limits, if available, are listed in Section 8.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

SKIN: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

INGESTION:

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Potential acute health effects:

Eye Contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin Contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

Eye Contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin Contact: No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Notes to Physicians: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific Treatments: No specific treatment.
Protection of First-aiders: No action shall be taken involving any personal risk or without suitable training.



CHAIN & CABLE LUBE

APPLICATIONS

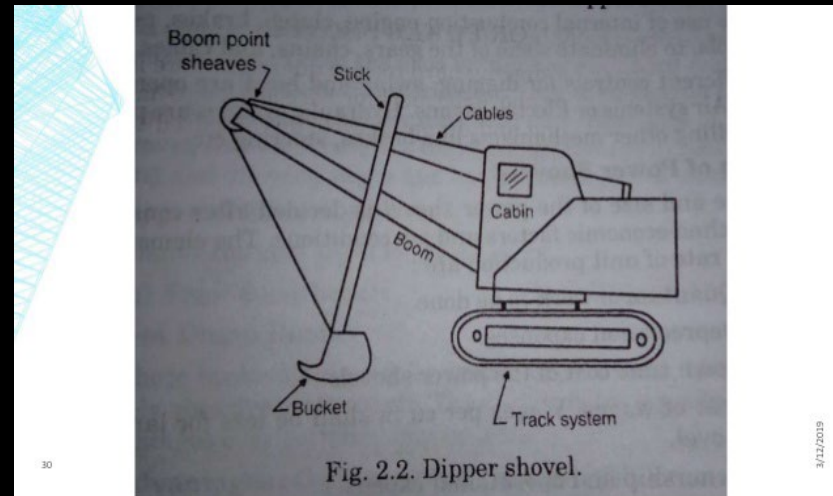
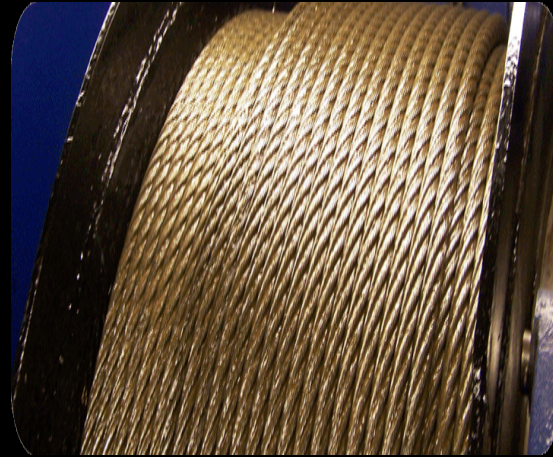
- CHAIN AND CABLES
- SLIDING DOORS AND WINDOWS
- CONVEYOR BEARINGS
- BUSHINGS AND SHAFTS
- NUTS AND BOLTS
- DRAGLINES
- CUTTING BLADES
- LOCKS AND HINGES
- CHAIN SAWS

ADVANTAGES

- NON-STAINING
- WATERPROOF
- DISPLACES MOISTURE
- CHEMICAL RESISTANT
- CLEANS & LUBRICATES
- PREVENTS RUST & CORROSION
- REDUCES WEAR
- WILL NOT ATTRACT DIRT

INDUSTRIES AND APPLICATIONS

Heavy Equipment Yards, Maintenance, Roads, Dredging, Mining, Shipping, OFFShore, Oil and Gas Operations, Railroad Yards, Public Works Dept., Asphalt companies, Pile Driving



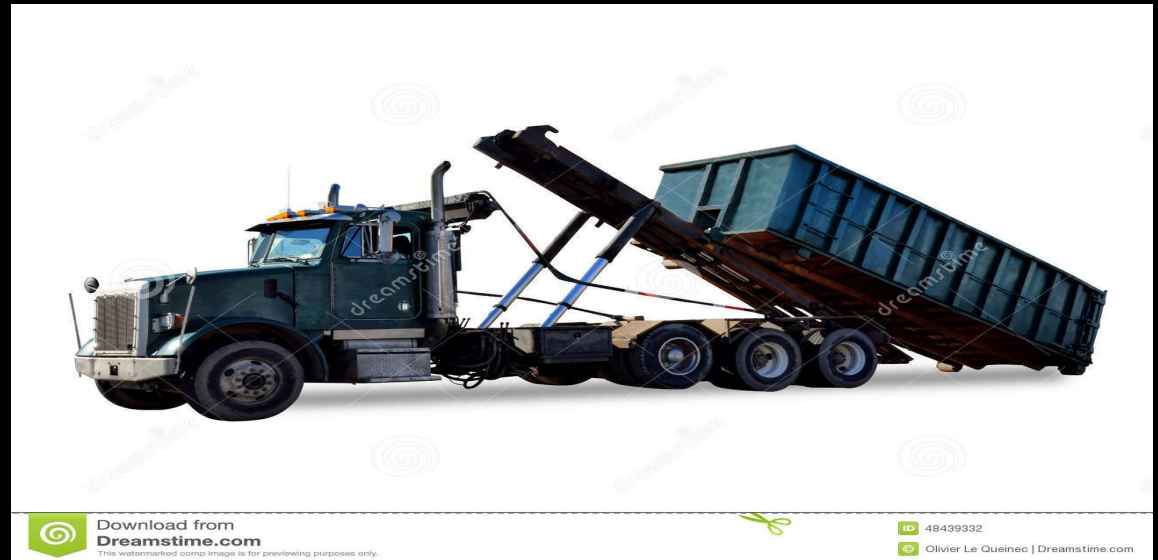
INDUSTRIES AND APPLICATIONS

Heavy Equipment Yards, Maintenance, Roads, Dredging, Mining, Shipping, OFFShore, Oil and Gas Operations, Railroad Yards, Public Works Dept., Asphalt companies, Pile Driving, OVERHEAD HOISTS, Metal Slides, WIRE ROPE CABLES



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Recap: Chain & Cable Lube

- CHAIN & CABLE LUBE is a transparent, heavy-duty dry film lubricant that cleans, penetrates and lubricates. It is formulated with the latest synthetic additives to assure maximum penetration and protection against rust and corrosion. When applied, the carrier solvent quickly evaporates, leaving behind a wax-like extreme pressure lubricant which will not wash-off or attract dust. CHAIN & CABLE LUBE is formulated to lubricate, preserve and protect not only chains and cables but as an excellent extreme pressure lubricant for all bearings and sliding surfaces. It is designed to fit a wide variety of industrial, agricultural, marine, automotive and household uses.

CHAIN & CABLE LUBE PRICING and Availability

179401

16 FL. OZ(11 FL.OZ) AEROSOL

\$239.90/DOZEN



279405

5 GALLON PAIL

\$78.90/GALLON (\$394.50/pail)



SURE SHOT SPRAYER – 1 QT. CAPACITY

426901

\$112.90 EACH



COMPARISON OF AEROSOL DRY LUBRICANTS, CHAIN AND CABLE SPRAYS AND GREASES

CHAIN AND CABLE - TRUE CHAIN AND CABLE LUBRICANTS THAT FIT ALL OF THE REQUIREMENTS, PENETRATING TO CORE OF CABLE AND CHAIN LINKS, AND HIGH PRESSURE < HEAVY LOADS

- **XL 866**- Contains Teflon for lubricity as well as Moly.
- **TRUEX EXTRA**
- **KOTE**
 - ❖ The top 3 products all have Moly which is extremely high pressure (100,000 psi), lubrication and can withstand high temperatures.
- **CHAIN & CABLE LUBE** – Contains petroleum for lubricity, solvents as a carrier and Hexadecan-1 (naturally occurring wax) for lubricity and as protection against dirt, dust and moisture.

AEROSOL GREASES – HIGH TEMP, but NOT ALL PENETRATING

- **WORKHORSE** – Clay based, non-melt, 550F, good adhesion, high pressure, sprays liquid then gels.
 - ❖ Sets up too fast for good penetrating.
- **ULTIMATE RED** – High temp. 575F high pressure, sprays liquid than sets up. Good penetrating ability.
- **WHITE LUBE** – Lithium based 350F, sprays liquid then gels up. Not high pressure.

TEFLON GELS – HIGH TEMP, ADHESIVE, PENETRATING, HIGH PRESSURE ABILITY WITH TEFLON (PTFE)

- **T-LUBE** – PTFE 500F, high pressure.
- **LUB-ALL** – Teflon 600F High pressure, great penetrating ability.

ELEMENTAL BASED LUBES

- **GL 50** – High temp. high pressure great penetrating ability. 800F
- **DRI MOLY** – High pressure, forms a bond with the metal it is sprayed on, 662F. 250,000 PSI Dries too quickly to penetrate, seals out moisture.
- **MOLY-LUB** – High pressure, 1050F, burnishes into metal, Dry film, seals out moisture.

DRY LUBRICANTS – WILL NOT PENETRATE, SURFACE LUBRICATION. PTFE (is patented) and Teflon are the same product.

- **SILICONE PRO** – Silicone 575F
- **SUPER SLICK** – PTFE 450F
- **SLIP-EZ**- Silicone 392F The bulk product contains a solvent which will carry for better penetration.