

## Piston Valve Lubricants

### LIGHT PISTON

**1** A long-lasting synthetic valve oil specifically formulated for instruments with close-tolerance piston valves. Provides for an action that is smooth, quick, and consistent. Protects against wear and corrosion. Non-gumming.

### PISTON

**2** A synthetic valve oil designed specifically for instruments with piston valves having average clearance. Long-lasting formula provides for an action that is smooth, quick, and consistent. Protects against wear and corrosion. Non-gumming.

### CLASSIC PISTON

**3** Synthetic protection for your classic instrument. Formulated to help seal piston valves having greater clearance. Promotes smooth, quick action; helps prevent sticking. Protects against wear and corrosion. Long-lasting. Non-gumming.

## Slide Lubricants (Oil)

### LIGHT SLIDE OIL

**4** A lighter viscosity synthetic lubricant formulated for tighter-fitting valve slides and for valve slides of longer length (e.g. 3rd valve slides). Provides rapid slide action when making intonation adjustments. Protects against corrosion and wear.

### SLIDE OIL

**5** Original (Tuning Slide Oil) formula. A medium viscosity synthetic lubricant for first and third valve slides. Maintains seal and smooth slide action when making intonation adjustments. Protects against corrosion and wear.

### HEAVY SLIDE OIL

**6** A heavier-viscosity synthetic lubricant for looser-fitting valve slides and for valve slides of shorter length (e.g. 1st valve slides). Improves slide tube seal. Prevents binding when making intonation adjustments. Protects against corrosion and wear.

## Slide Lubricants (Grease)

### SLIDE-GEL™

**7** A hi-viscosity synthetic lubricant for close-fitting stationary slides. Provides long-lasting seal and firm slide "feel / pull". Will not bunch-up in slide tube ends. Adhesive formula protects against corrosion and wear. See USG No. 9 for additional application.

### SLIDE-GEL™ PLUS

**7P** A synthetic lubricant of heavier viscosity for loose-fitting stationary slides. Provides long-lasting seal and firm slide "feel / pull". Will not bunch-up in slide tube ends. Adhesive formula protects against corrosion and wear.

### SLIDE GREASE

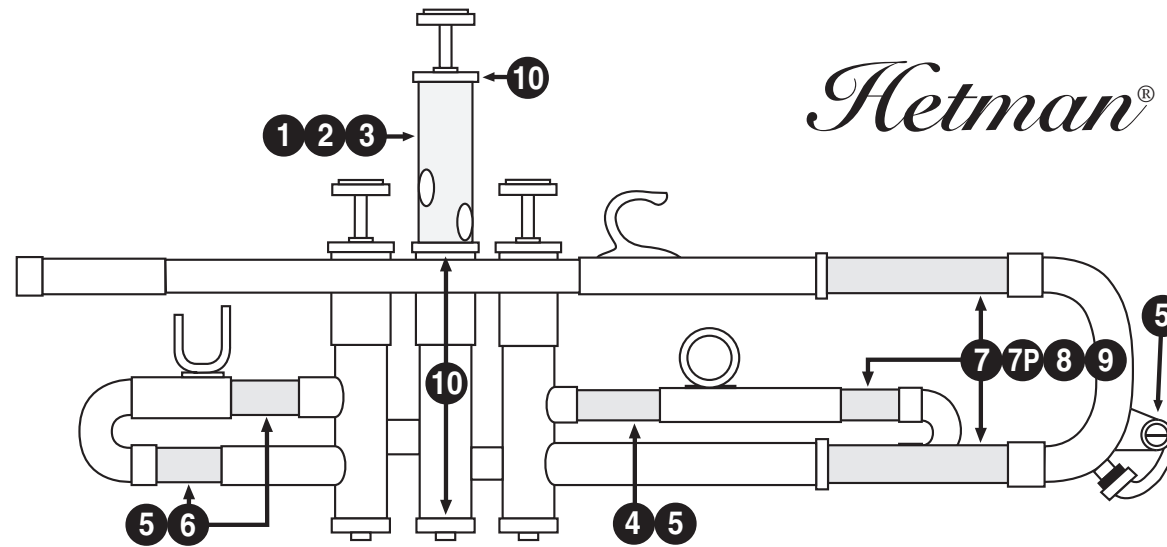
**8** For those who prefer a long-lasting slide lubricant of heavy consistency, this premium slide grease keeps stationary slides airtight and in place.

### ULTRA SLIDE GREASE

**9** A unique slide grease of extra-heavy consistency designed for loose-fitting stationary slides. This tacky grease keeps slides in place and airtight. Resists breakdown. May be used together with Slide-Gel™ to obtain desired "feel" or "pull" of slides.

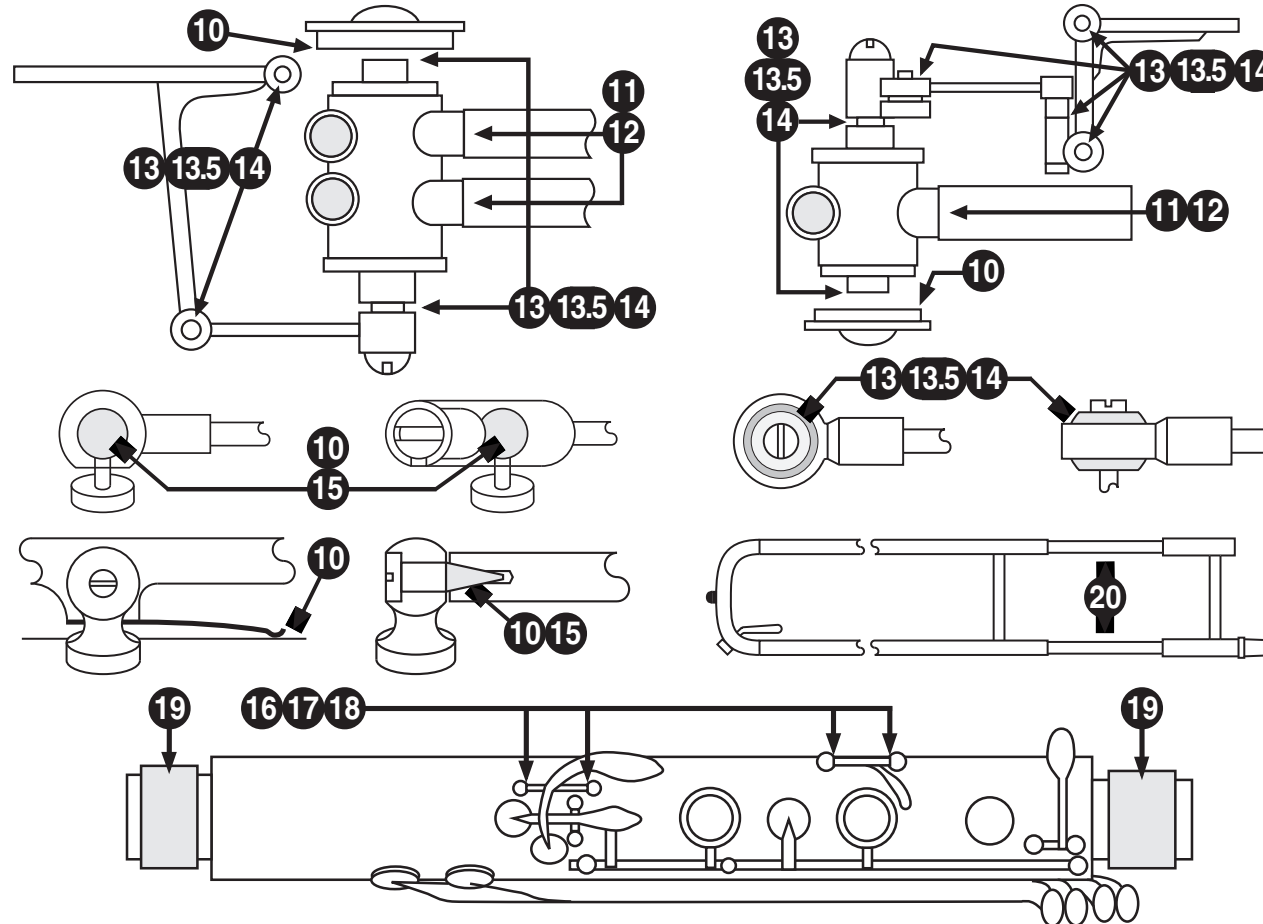
## Synthetic Grease Syringe

**10** A multi-purpose grease for brass and woodwind instruments. Lubricates flat springs & tracks, pivot screws, wing/neck screws, joints, linkages, hinges, levers, and threads. Waterproof synthetic guards against wear and corrosion. Plastics-safe.



*Hetman®*

*Hetman® Musical Instrument Lubricants are Nontoxic, and Compatible with conventional petroleum-based oils.*



## Rotary Valve Lubricants

### LIGHT ROTOR

**11** A synthetic lubricant formulated specifically for instruments with close-tolerance rotors. Long-lasting formula provides for a quick action while guarding against corrosion and wear. Long-tipped needle oiler.

### ROTOR

**12** Long-lasting synthetic lubrication for instruments with rotors having average clearance. Improves valve seal while protecting against corrosion and wear. Long-tipped needle oiler.

### LIGHT BEARING & LINKAGE

**13** Formulated for close-tolerance rotary valves. This synthetic lubricant ensures maximum wear protection for spindle bearings, rod end bearings, linkage joints, and lever hinges without slowing the action. Protects against corrosion. Needle oiler.

### MEDIUM BEARING & LINKAGE

**13.5** A synthetic lubricant designed for rotary valves having average clearance. Provides for a smooth, quick action while protecting spindle bearings, rod end bearings, linkage joints, and lever hinges against wear and corrosion. Needle oiler.

### BEARING & LINKAGE

**14** Engineered for rotary valves having greater clearance. Synthetic protection for spindle bearings, rod end bearings, linkage joints, and lever hinges. Provides for a smooth, quick action. Protects against wear and corrosion. Needle oiler.

### BALL JOINT

**15** An extra-heavy synthetic designed for ball joints. Lubricates, protects against wear and corrosion, quiets noisy joints, dampens vibrations, and assures a smooth action. Also for pivot screws and worn linkage components. Needle oiler.

## Key Lubricants

### LIGHT KEY

**16** A synthetic key lubricant formulated for instruments with close-tolerance actions. Frees sticking keys by penetrating into hinge tubes. Provides for a smooth, quick action. Protects against wear and corrosion. Needle oiler allows for neat application.

### MEDIUM KEY

**17** The preferred key lubricant for most instruments. The viscosity of this synthetic is best suited to actions of average tolerance. Keeps keys moving quickly, smoothly, and quietly. Protects against wear and corrosion. Needle oiler for easy application.

### HEAVY KEY

**18** A synthetic key lubricant engineered for instruments with worn actions, and instruments that characteristically exhibit greater action tolerance. Dampens sympathetic vibrations. Provides for a smooth, quiet action. Needle oiler for easy application.

## Cork Lubricant

### CORK

**19** A long-lasting, premium cork lubricant that provides for smooth, positive tenon joint assembly while ensuring long cork life. Preserves joint corks without build-up or caking. Also great for saxophone neck screws.

## Trombone Slide Spray

### HYDRO-SLIDE™

**20** When added to water, Hydro-Slide™ forms an extraordinary lubricating fluid. Use with or without slide cream for an unusually smooth slide action. Mix concentrate with water (1:40, 1:20 or 1:10) in Hydro-Slide™ applicator and spray on slide.

# Hetman®

The extensive range of Hetman® Musical Instrument Lubricants constitutes an application-specific system of advanced instrument care for the discriminating musician. This system of lubricants was developed to go beyond the limitations of conventional oils and provide a new level of instrument performance and longevity.

Ongoing wear and weakening of the instrument's air seal due to improper lubrication are serious threats to the performing artist. The negative effects include unsure response, diminishing resonance and clarity, erratic intonation, and unreliable action. An extensive research and development project was therefore undertaken to engineer a comprehensive system of lubricants that would satisfy the following criteria:

- **Nontoxic Formula** - each lubricant is nontoxic.
- **Leading-Edge Technology** - each lubricant embodies the most advanced technology, providing superior, longer-lasting performance, and protection against wear and corrosion.
- **Compatibility** - each lubricant is compatible with conventional petroleum-based oils, avoiding potential gumming problems associated with some synthetics.
- **Application-Specific** - each lubricant's viscosity, and formulation is designed for its specific application.
- **Easy Application** - each lubricant is packaged with a dispensing system that allows convenient application to the most difficult-to-reach lubrication points.
- **Application Guide** - an easy-to-follow application guide is available that describes the suggested use of each product.

Hetman® Musical Instrument Lubricants achieve the optimum balance between quick action and protection of vital components. Hetman® lubricants are formulated in special viscosity grades that meet the specific requirements of the artist, and best suit the individual character of the artist's instrument. Performers are afforded the feel and confidence of a smooth, consistent action, while the longevity of their treasured instrument is prolonged by the unique formulation of each lubricant.

Hetman® Musical Instrument Lubricants allow superior performance and protection to be realized immediately upon application. Although pre-cleaning is not required, maximum performance and protection is achieved by applying Hetman® lubricants to a thoroughly cleaned instrument. The unique formulation of Hetman® Musical Instrument Lubricants provides unprecedented levels of both performance and protection.

MUSIKWERKS • SOUTH RIVER, NJ • USA

## Hetman® Musical Instrument Lubricants

Recommended by manufacturers including:

**Gebrüder Alexander** - Mainz, Germany  
World famous Alexander brass instruments since 1782

**V. F. Cerveny & Sons** - Hradec Kralove, Czech Republic  
Legendary Cerveny brass instruments since 1842

**DEG Music / Willson USA** - Lake Geneva, WI USA  
Dynasty, Schafer & Willson musical instruments

**Greenhoe Mus. Inst. Components** - Jackson, WI USA  
Greenhoe valves and musical instrument components

**Haagston** - Stadt Haag, Austria  
Handcrafted Haagston brass instruments

**M. Jiracek & Sons** - Saratice, Czech Republic  
Custom handcrafted Jiracek horns

**Kalison** - Milano, Italy  
Kalison horns and tubas since 1928

**Ricco Kühn** - Ördern, Germany  
Horns, Wagnertubas, trumpets and flugelhorns

**Kühnl & Hoyer** - Markt Erlbach, Germany  
World class cornets, trumpets, flugelhorns & trombones

**Hub van Laar** - Margraten, Netherlands  
Handmade brass instruments

**Herbert Lätzsch** - Bremen, Germany  
Handcrafted Lätzsch trombones and trumpets

**Lechner Instrumentenbau** - Bischofshofen, Austria  
Handmade Lechner brass instruments

**Lewis Orchestral Horns** - Chicago, IL USA  
Orchestral horns handcrafted by Steven W. Lewis

**Josef Lidl** - Brno, Czech Republic  
World renowned Lidl brass instruments since 1892

**J. Meinschmidt** - Geretsried, Germany  
Rotary valves of the highest quality since 1866

**Miraphone** - Waldkraiburg, Germany  
Internationally renowned Miraphone brass instruments

**Josef Monke** - Köln-Ehrenfeld, Germany  
World famous Monke trumpets since 1922

**Münchner Blech** - München, Germany  
Handcrafted trumpets and flugelhorns

**Rauch Horns** - Stabekk, Norway  
Horns handcrafted by Daniel Rauch

**Schagerl Meisterinstrumente** - Mank, Austria  
Handcrafted Schagerl brass instruments

**Martin Seibold Instrumentenbau** - Baiernrain, Germany  
"Minibal" precision linkage joints (rod end bearings)

**S.E. Shires Company** - Hopedale, MA USA  
Shires world class trombones

**Thein Musikinstrumentenbau** - Bremen, Germany  
Handcrafted brass instruments by Max & Heinrich Thein

**Yamaha Canada Music** - Toronto, ON Canada  
Yamaha orchestral and band instruments

**Yamaha Corp. of America** - Grand Rapids, MI USA  
Yamaha orchestral and band instruments

**Bernhard Zirnbauer** - Erkheim, Germany  
Innovative, new generation rotary valves

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# Application Guide

# Hetman® MUSICAL INSTRUMENT LUBRICANTS

- *Piston Valve Lubricants*
- *Rotary Valve Lubricants*
- *Slide Lubricants (Oil)*
- *Slide Lubricants (Grease)*
- *Key Lubricants*
- *Cork Lubricant*
- *Trombone Slide Spray*
- *Synthetic Grease Syringe*

## The Professional Choice

English