

## Organic Moly Grease

*... Made With Moly  
For Cost Cutting High  
Temperature Performance*

SWEPCO 102 Organic Moly Grease is a premium quality organic moly grease that outperforms conventional greases in a number of ways, including high heat resistance, cold temperature performance, friction reduction, wear control, oxidation resistance and service life. SWEPCO 102 is an outstanding value for maintenance of equipment that requires superior protection at a more economical price.

### Excels In High Heat Applications

SWEPCO 102 is formulated with a suspension grade molybdenum-sulfur anti-friction compound (moly) that gives the base stock superior affinity for metal surfaces. This reduces friction well below levels encountered with conventional greases, significantly reducing heat and heat-related failures and providing corresponding increases in load carrying capability, operating efficiency and component life.

### Reduces Wear

SWEPCO 102 fights wear in four specific ways:

First, besides reducing friction and heat, which contribute greatly to wear, organic moly prevents metal to metal contact. Its superior affinity for metal



**SWEPCO 102 Organic Moly Grease provides superior performance in a number of important areas, including high heat resistance, cold temperature performance, friction reduction, wear control, oxidation resistance and service life.**

surfaces means the oil won't get squeezed away from metal surfaces in severe service.

Second SWEPCO 102 is formulated with the very finest straight cut solvent refined, pure paraffinic base stock. These high quality, high viscosity index base stocks have a naturally high film strength which means superior lubrication and wear control.

Third, the formulation includes Lubium® . . . SWEPCO's exclusive highly effective chemical anti-wear additive which has been proven to reduce wear in severe service applications.

Finally, these high quality base stocks and additives are blended into a synthetic gelling agent which insures the grease stays where its supposed to, clinging to metal parts without lubricant starvation, melting, bleeding,

separation, washing or pounding out in all but the most severe conditions of temperature, speed, shock or water exposure.

This highly effective combination of moly, high quality base stocks, Lubium® and a superior gelling agent insures extra protection against wear and results in longer equipment life and less downtime.

### Better High Temperature Performance

SWEPCO's straight cut solvent refined high vi paraffinic base stocks don't thin excessively at high temperatures. They also have greater natural resistance to oxidation, so they don't form varnish and other oxidation by-products as readily. This natural oxidation resistance is further enhanced with additional antioxidant chemistry that insures high temperature film strength and stability. The synthetic gelling agent also contributes to improved high temperature performance because it won't melt, separate or bleed, even under the highest operating temperatures.

### Better Low Temperature Performance

SWEPCO's high viscosity index base stocks don't thicken excessively at low temperatures, nor does the synthetic gelling agent harden. These two important features insure uniform, dependable lubrication in cold weather without channeling or lubrication starvation, even in today's close tolerance anti-friction bearings.

### Better Water & Corrosion Resistance

SWEPCO 102 also has excellent water resistance. The synthetic gelling agent used has superior adhesion and simply won't wash out. This makes it ideally suited to applications which require high resistance to water, such as chassis, fifth wheel and water pump lubrication.

In addition, SWEPCO 102 provides dependable control of rust and corrosion, protecting vital close tolerance anti-friction surfaces from chemical attack.

### Reduces Cost of Lubrication

SWEPCO 102's superior formulation reduces the total cost of lubrication by reducing grease consumption, reducing heat and wear related failures, extending lubrication cycles, reducing downtime and reducing maintenance labor requirements.

And, as a versatile, all season grease, it eliminates the need for stocking several specialty greases for different applications. This helps eliminate lubrication mistakes, simplifies greasing programs and allows many users to take advantage of volume purchase discounts they couldn't get by using several different specialty greases.

### Exceptionally Versatile

SWEPCO 102 provides economical protection in a wide variety of applications, including roller, sleeve and pillow block bearings, ball joints and slideways. It is ideal as a fifth wheel grease, universal joint grease; chassis grease, water pump grease and any other multi-purpose grease application. And its excellent high temperature performance makes it especially well suited for all but the most severe high temperature applications.

### Typical Physical Characteristics

NLGI Consistency .....	2
Penetration, @ 77°F, ASTM D-217 .....	280
Dropping Point, °F, ASTM D-2265 .....	Non-Melt
Base Oil Viscosity, cst @40°C .....	329.6
Base Oil Viscosity, cst @100°C .....	25.0
Color .....	Gray Green
Texture .....	Buttery

### Typical Performance Characteristics

Timken OK Load .....	35
4-Ball Wear Test, Scar Diameter, mm, ASTM D-2266 ..	0.60
Rust Test, ASTM D-1743 .....	1
Oxidation Test, ASTM D-942	
PSI Loss @ 100 HRS, max .....	4
PSI Loss @ 500 HRS, max .....	16
Optimum Operating Temperature Range	
°F (°C) .....	-30 to +350 (-34 to +177)



#### A Product of SPX Technology™.

... the cutting edge performance SWEPCO  
Customers have come to expect since 1933



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