

# E-Z TURN FAUCET AND VALVE HEAT PROOF GREASE HPG-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

**E-Z TURN Faucet and Valve Heat Proof Grease**

### TYPE

**E-Z TURN Faucet and Valve Heat Proof Grease** is a Lithium Complex waterproof, nontoxic, amber colored, multi-purpose grease. Specially formulated for use on all metal faucet and valve stems carrying air, steam and hot or cold water. Useable in a wide range of temperatures and in extreme pressure conditions.

Lithium Complex greases have much higher melting points and provide superior performance compared to conventional Lithium greases for demanding applications under heavy loads and stresses.

Prevents sticking and rust. Assures free movement and extended life.

- Outstanding high temperature bearing performance
- Superior quality
- Highly water resistant
- Cost-effective because of versatility
- Provides superior rust and corrosion protection
- Excellent cold temperature flow
- Temperature Range -20°F to 375°F (-29° to 190°C)

## RECOMMENDED USES

**E-Z TURN Faucet and Valve Heat Proof Grease** can be used for lubricating valve stems of faucets, valves, ballcocks, plungers, packings, washers, disc brakes and wheel bearings, ball joints, u-joints, chassis, bearing, couplers, and many other automotive, industrial and commercial applications. This grease is ideally suited for wheel bearings for both conventional breaks as well as disc brakes, where the heat would cause conventional lithium greases to melt and run out.

## HPG-SPEC

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This product is manufactured in the U.S.A.

## COLOR/CONSISTENCY

Amber Paste

## PHYSICAL PROPERTIES

Flash Point, COC: 450° F (232° C)  
Melting Temperature: 350° F (176° C)

Product Data	Typical Values	Test Method
NLGI Service Classification	GC-LB	
NLGI Grade	2	
Thickener Type	Lithium Complex	
Worked Penetration 60 strokes	265-295	ASTM D217
Roll Stability, % Penetration Change	+8	ASTM D1831
Dropping Point	500°F (260°C)	ASTM D2265
Rust Test	Pass	ASTM D1743
Water Washout 175° F, % Loss	7.0 Max	ASTM D1264
Oxidation Stability psi loss @ 100 hrs.	5	ASTM D942
Wheel Bearing Leakage, gm	1.4	ASTM D4290
Oil Separation % Loss	3.5	ASTM D1742
Timken OK Load Wear	45 (441 Newton's)	ASTM D2509
Four Ball EP Test Weld Load, kg Load Wear Index	250 45	ASTM D2596
Wheel Bearing Life Test, Hrs.	100	ASTM D3527
Low Temperature Torque, N m @ -40°C	13	ASTM D3527
Base Oil Viscosity cST @40°C cST @100°C	140-180 13.5-16.5	ASTM D445 ASTM D445
RoHS	Compliant	

## PACKAGING

### U.S. Measure:

Stock Code    Size  
**Plastic Container**  
HPG2            2 oz. (56.7 g)

### SHIPPING WEIGHT PER CASE

Stock Code    Case Weight    #/Case  
HPG2            5 lbs. (2.3 kg)    24

### WEIGHT PER U.S. GALLON

7.4 lbs. (3.4 kg) ± 0.2

## ENVIRONMENTAL STATEMENT

Can be used on potable water since it is safe and nontoxic.

## DIRECTIONS FOR USE

### VALVE BODIES:

1. Unscrew valve bonnet nut.
2. Rotate valve stem counter clockwise to remove the valve body.
3. Clean stem and threads if necessary.
4. Apply a liberal amount of **E-Z TURN** to the stem and stem threads.
5. Reassemble in reverse order. Tighten bonnet nut lightly. Retighten if there is seepage when system pressure is restored.

### BALLCOCK AND FLOAT LINKAGES:

1. Clean and descale if necessary.
2. Apply liberal amounts of **E-Z TURN** to all rubbing and pivoting surfaces.
3. Apply a thin film of **E-Z TURN** to all metal parts in contact with water to prevent corrosion and scale build up.
4. Apply **E-Z TURN** to float linkage threads to prevent corrosion.



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