

## **TIMKEN ALL-PURPOSE INDUSTRIAL GREASE**

### **Lubricating Grease**

#### **Part Numbers**

GR217C-00000	1 14-Ounce Cartridge
GR217C-90001	10 14-Ounce Cartridge
	40 14-Ounce Cartridge
GR217T-90001	6 1-Pound Tub
GR217P-00000	1 35-Pound Pail
GR217K-00000	1 120-Pound Keg
GR217D-00000	1 400-Pound Drum
	Blister Packs 0.41 Oz 12 blister/Tub
	Blister Packs 0.41 Oz 6 tubs/Case

#### **Product Description and Intended Use**

TIMKEN All-Purpose Industrial Grease is an NLGI No. 2 general purpose lithium complex lubricating grease for light to medium duty applications. This product has good high temperature characteristics and contains extreme pressure and antiwear additives as well as corrosion inhibitors to provide protection in a variety of construction, agriculture and automotive applications. TIMKEN All-Purpose Industrial Grease meets the requirements for extended lubrication intervals of automotive chassis points and wheel bearings with disc brakes. TIMKEN All-Purpose Industrial Grease meets NLGI certification GC-LB.

#### **Product Application**

TIMKEN All-Purpose Industrial Grease can be applied from ambient temperatures of - 18° F to + 300° F (- 28° C to + 149° C) depending on lubrication system design and method of application. TIMKEN All-Purpose Industrial Grease has an operating temperature range of - 40° F to + 300° F (- 40° C to + 149° C) once in the application. Follow equipment manufacturer's recommendations concerning lubrication frequencies.

#### **Compatibility of Grease**

TIMKEN All-Purpose Industrial Grease is generally compatible with calcium, calcium 12-OH stearate, calcium sulfonate, lithium and lithium complex thickened greases. TIMKEN recommends that all grease be removed from the application prior to changing greases. Then the lubrication interval is reduced by half for the first lubrication cycle before resuming the normal lubrication interval.

#### **Handling and Storage**

Store in a dry area away from heat and open flame. See Material Safety Data Sheet for more information.

#### **Shipping and Disposal Information**

Follow governmental regulations pertaining to the shipping and disposal of this product. Do not reuse container after use. See Material Safety Data Sheet for more information.

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## **TIMKEN® ALL-PURPOSE INDUSTRIAL GREASE**

### **Product Specifications – Typical**

Color	Amber
NLGI Grade	No. 2
Thickener Type	Lithium Complex
Penetration, Unworked, ASTM D 217	265-295
Penetration, Worked 60 Strokes, ASTM D 217	265-295
Penetration Change, 100000 Strokes, ASTM D 217	- 5 to +15%
Wheel Bearing, ASTM D 1263	5 Grams Max.
Dropping Point, ASTM D 2265	260° C Min.
Oxidation Stability, ASTM D 942, 100 hours at 99° C	5 psi
Four-Ball Wear, ASTM D 2266, 40 kg, 1200 RPM, 75° C, Scar mm	0.60 Max.
Four-Ball EP, Weld Point, ASTM D 2596, kgf	250 Min.
Timken OK Load, ASTM D 2509, Pounds	55
Copper Strip Corrosion, ASTM D 4048	1b
Corrosion Preventive Properties, ASTM D 1743	Pass
Oil Separation, ASTM D 1742	5 % Max.
Base Fluid Properties:	
Viscosity @ 100° C, ASTM D 445, Centistokes	17 - 20
Viscosity @ 40° C, ASTM D 445, Centistokes	200 – 240
Viscosity Index	95
Pour Point, ASTM D 97	- 12°C
Flash Point, ASTM D 92	225° C

Date: August 18, 2003

Product: TIMKEN All-Purpose Industrial Grease

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