



Product Data Sheet

TIMKEN® PREMIUM ALL PURPOSE INDUSTRIAL LC-2 GREASE Lubricating Grease

Part Numbers

GR217C	400 g (14 oz) cartridge
GR217T	454 g (1 lb) tub
GR217F	1 kg (2.2 lb) tub
GR217G	5 kg (11 lb) pail
GR217P	16 kg (35.3 lb) pail
GR217K	55 kg (121.3 lb) keg
GR217D	180 kg (400 lb) drum

Product Description and Intended Use

TIMKEN Premium 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 Premium All Purpose Industrial Grease meets the requirements for extended lubrication intervals of automotive chassis points and wheel bearings with disc brakes. TIMKEN Premium All Purpose Industrial Grease meets NLGI certification GC-LB.

Product Application

TIMKEN Premium 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 Premium 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 Premium 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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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: November 18, 2008

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