








## HOUSED UNIT PRODUCT LINE LUBRICATION GREASE SUGGESTIONS

		Suggested Grease
	<b>Revolvo Split Cylindrical Roller Bearing</b>	<b>GR255</b> High-Performance Roller Housed Unit Grease <i>or</i> <b>GR217</b> Premium All-Purpose LC-2 Grease <sup>(1)</sup>
	<b>SNT Split Plummer Blocks</b>	<b>GR255</b> High-Performance Roller Housed Unit Grease <i>or</i> <b>GR217</b> Premium All-Purpose LC-2 Grease <sup>(1)</sup>
	<b>SAF Split Pillow Blocks</b>	<b>GR255</b> High-Performance Roller Housed Unit Grease <i>or</i> <b>GR217</b> Premium All-Purpose LC-2 Grease <sup>(1)</sup>
	<b>Spherical Roller Bearing Solid-Block Housed Units</b>	<b>GR255</b> High-Performance Roller Housed Unit Grease
	<b>Type E Tapered Roller Bearing Housed Units</b>	<b>GR217</b> Premium All-Purpose LC-2 Grease
	<b>Fafnir® Ball Bearing Housed Units</b>	<b>GR220</b> Ball Bearing Pillow Block Grease
	All Fafnir® Ball Bearing Housed Units (except Survivor Series)	
	All Survivor Series PT, NT, PS	<b>GR231</b> Food-Safe Grease
	<b>UC-Series Ball Bearing Housed Units<sup>(2)</sup></b>	<b>GR237</b> Multi-Use Lithium EP2 Grease

<sup>(1)</sup>These two greases are acceptable for many standard applications and common uses.

<sup>(2)</sup>Available outside the U.S. only.

Contact your Timken sales engineer for recommendations on non-standard applications.

# TIMKEN® GREASES FOR HOUSED UNITS

Grease	Environment	Application	Benefits	Available in:	Interchange Guide
<b>GR217</b> Premium All-Purpose LC-2 Grease	High Wear, Moderate Loads, Moderate Speeds, Moderate Temperatures	Agriculture, Bushings/Ball Joints, Truck and Auto Wheel Bearings, Heavy-Duty Industrial	<ul style="list-style-type: none"> <li>• NLGI No. 2 extreme pressure, lithium-complex thickened grease</li> <li>• Solid protection against rust and corrosion</li> <li>• Excellent protection against wear</li> <li>• Operating temperature range of -40° C to 149° C (-40° F to 300° F)</li> <li>• Applications: Ideal for industrial bearings operating at higher-than-average temperatures and/or subjected to shock loading, as well as heavy-duty on- and off-road applications, wheel bearings, axles, ball joints, U joints, power takeoffs, king pins, bushings, trucks, buses and automobiles</li> </ul>	400 g (14.1 oz.) cartridges, 10/case – Part #GR217C 454 g (1 lb.) tubs, 6/case – Part #GR217T 1 kg (2.2 lb.) tub – Part #GR217F 5 kg (11 lb.) pail – Part #GR217G 15.8 kg (35 lb.) pail – Part #GR217P 54.4 kg (120 lb.) keg – Part #GR217K 181.4 kg (400 lb.) drum – Part #GR217D	<ul style="list-style-type: none"> <li>• 76 Multiplex Red</li> <li>• Castrol 4020/220-2™</li> <li>• Chevron Delo® EP 2</li> <li>• Citgo Lithoplex MP2™</li> <li>• Citgo Premium Lithium EP 2™</li> <li>• FAG LOAD220™</li> <li>• Fuchs (Century) Uniwrl 2™</li> <li>• Lubrication Engineers Almagard® 3752</li> <li>• LUBRIPLATE® 1552</li> <li>• Mobilgrease® XHP 222</li> <li>• Pennzoil® Premium Lithium Complex 2</li> <li>• Petro-Canada Multipurpose EP 2™</li> <li>• Ronex MP™</li> <li>• Royal Purple® Ultra-Performance® 2</li> <li>• SKF LGEP2™</li> <li>• SKF LGWA2™</li> <li>• Texaco Starplex® 2</li> <li>• Unirex EP 2™</li> </ul>
<b>GR220</b> Ball Bearing Pillow Block Grease	Wet and Corrosive Conditions, Quiet Environments, Light Loads, Moderate-to-High Speeds, High Temperatures	Lightly Loaded Pillow Blocks, Idler Pulleys, Oven Conveyors, Electric Motors, Fans, Pumps	<ul style="list-style-type: none"> <li>• NLGI No. 2 polyurea-thickened grease</li> <li>• Outstanding long life, moderately high-temperature lubrication of ball bearings</li> <li>• Maintains mechanical shear stability</li> <li>• Provides corrosion resistance, even in the presence of salt water</li> <li>• Features low-noise characteristics and excellent pumpability</li> <li>• Does not contain extreme-pressure additives but is inhibited against rust and oxidation</li> <li>• Operating temperatures from -40° C to 163° C (-40° F to 325° F)</li> <li>• Applications: Lightly loaded ball bearings in pillow blocks and conveyors that operate in high-temperature environments, including kiln and glasswork applications, electric motors, chemical manufacturing and noise-sensitive environments, ball bearings operating at mid-to-high speeds (10,000 RPM maximum), pumps, fans, electric motors and idler pulleys</li> </ul>	400 g (14.1 oz.) cartridges, 10/case – Part #GR231C 1 kg (2.2 lb.) tub – Part #GR231F 15.8 kg (35 lb.) pail – Part #GR231P 54.4 kg (120 lb.) keg – Part #GR231K 181.4 kg (400 lb.) drum – Part #GR231D	<ul style="list-style-type: none"> <li>• Conoco Phillips Polyurea 2™</li> <li>• Chevron SRI™</li> <li>• Citgo Polyurea 2™</li> <li>• Mobil Polyrex® EM</li> <li>• Mobil Unirex N™</li> <li>• LUBRIPLATE® EM</li> <li>• Mobil SHC Polyrex 462™</li> <li>• Petro-Canada EMB™</li> <li>• Shell Dolium® BRB</li> <li>• SKF LGHP2™</li> </ul>
<b>GR231</b> Food-Safe Grease	Incidental Food Contact, Moderate Temperatures, Moderate-to-High Speeds, Medium Loads	Food and Beverage Industries, Pharmaceuticals (only for ball bearing applications)	<ul style="list-style-type: none"> <li>• NLGI No. 2 aluminum-complex thickened lubricating grease</li> <li>• Provides for improved low- and high-temperature performance</li> <li>• Contains extra-pressure, anti-wear additives and corrosion and oxidation inhibitors</li> <li>• Operating temperatures from -40° C to 149° C (-40° F to 300° F)</li> <li>• Applications: Food processing operations with ball bearing pillow blocks</li> </ul>	400 g (14.1 oz.) cartridges, 10/case – Part #GR231C 1 kg (2.2 lb.) tub – Part #GR231F 16 kg (35.3 lb.) pail – Part #GR231P 54.4 kg (120 lb.) keg – Part #GR231K 181.4 kg (400 lb.) drum – Part #GR231D	<ul style="list-style-type: none"> <li>• FAG Arcanol FOOD2™</li> <li>• FDA Grease</li> <li>• Keystone Nevastane HT/AW2™</li> <li>• LE 4025 H1 Quinplex™</li> <li>• LPS ThermaPlex Foodlube™</li> <li>• LUBRIPLATE® FGL-2</li> <li>• Mobilgrease® FM 102</li> <li>• Petro-Canada Purity FG™</li> <li>• Royal Purple® Ultra-Performance® Clear</li> <li>• SKF LGFP2™</li> </ul>
<b>GR237</b> Multi-Use Lithium EP2 Grease	Moderate Speeds, Light-to-Moderate Loads, Moderate Temperatures, Moderate Water	General Industrial Applications, Pins and Bushings, Track Rollers, Water Pumps, Plain and Antifriction Bearings	<ul style="list-style-type: none"> <li>• Fortified with rust and oxidation inhibitors</li> <li>• Lithium-soap thickened grease</li> <li>• Operating temperatures from -34.4° C to 121.1° C (-30° F to 250° F)</li> <li>• Applications: in a variety of applications where extreme pressure is required</li> </ul>	400 g (14.1 oz.) cartridges, 10/case – Part #GR237C 454 g (1 lb.) tubs, 6/case – Part #GR237T 1 kg (2.2 lb.) tub – Part #GR237F 5 kg (11 lb.) pail – Part #GR237G 15.8 kg (35 lb.) pail – Part #GR237P 54.4 kg (120 lb.) keg – Part #GR237K 181.4 kg (400 lb.) drum – Part #GR237D	<ul style="list-style-type: none"> <li>• 76® Unoba EP</li> <li>• Castrol Longtime™ PD</li> <li>• Castrol Spheroil EPL</li> <li>• Chevron Dura-Lith® EPL</li> <li>• Chevron Multifak® EP</li> <li>• CITGO Premium</li> <li>• Conoco Phillips</li> <li>• Conolit EP</li> <li>• Dow Molykote® BR2</li> <li>• Exxon Mobil Beacon EP</li> <li>• FAG® Arcanol-MULTI2™</li> <li>• Fina Lithium EP</li> <li>• Lithium EP-2</li> <li>• LUBRIPLATE® 1200-2</li> <li>• LUBRIPLATE® 1241, 1242</li> <li>• LUBRIPLATE® 630-AA</li> <li>• Mobiluxv EP</li> <li>• Shell® Alvania EP</li> <li>• SKF® LGEP2</li> <li>• SKF® LGMT2</li> </ul>
<b>GR255</b> High-Performance Roller Housed Unit Grease	Extreme Loads, High Wear, Moderate Speeds, High Temperatures, Shock Loading	Metals, Mining, Aggregate, Power Generation, Material Handling and Heavy Industries	<ul style="list-style-type: none"> <li>• NLGI No. 2, fully synthetic lithium-complex thickened grease</li> <li>• Contains solid lubricant moly and EP/AW additives</li> <li>• Excellent EP performance as well as wear resistance</li> <li>• Compatible with most industrial materials</li> <li>• Operating temperatures from -40° C to 180° C (-40° F to 356° F)</li> <li>• Meets NLGI Certification GC-LB</li> <li>• Applications: Metals, Mining, Power Generation, Lumber, Construction and Off-Highway, Cement and Heavy Industries</li> </ul>	400 g (14.1 oz.) cartridges, 10/case – Part #GR255C 454 g (1 lb.) tubs, 6/case – Part #GR255T 15.8 kg (35 lb.) pail – Part #GR255P 54.5 kg (121 lb.) keg – Part #GR255K 181.4 kg (400 lb.) drum – Part #GR255D	<ul style="list-style-type: none"> <li>• Chevron Ulti-Plex Synthetic Grease EP™</li> <li>• Mobilgrease XHP series</li> <li>• Mobilith SHC series</li> <li>• Molycote® G4700</li> <li>• Shell Gadus S3 V220C</li> <li>• Shell Gadus S3 V460D</li> </ul>

## TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, chain, gears and related mechanical power transmission products and services.

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