



CITGO PREMIUM COUPLING GREASE

Date 08/18

DESCRIPTION: CITGO Premium Coupling Grease is specially formulated with a lithium/polymer thickener in premium high viscosity base oils to provide excellent resistance to oil separation when used in high-speed grease lubricated couplings.

- BENEFITS:**
- **Minimal Oil Separation:** CITGO Premium Coupling Grease exhibits very low oil separation in ASTM D4425 high-speed centrifuge test.
 - **Excellent adhesion:** This product is fortified with heavy base oils and a polymer additive to provide outstanding adhesion.
 - **Load Carrying:** High viscosity base oils are utilized to provide outstanding load carrying ability.
 - **Versatility:** This product is recommended for all types of grease lubricated couplings used in industrial equipment. It meets or exceeds the requirements of AGMA CG-1, CG-2 & CG-3 type coupling greases.
 - **Oxidation Resistance:** Premium Coupling Grease provides outstanding resistance to oxidation.
 - **Water Resistance:** This product is highly resistant to both water washout and water spray-off.
 - **Grease Compatibility:** Premium Coupling Grease is formulated with a lithium/polymer thickener system that is compatible with many other coupling greases that are currently on the market.

APPLICATIONS: Premium Coupling Grease is recommended for grease lubricated couplings including gear couplings, grid couplings, and flexible chain couplings. Because of its water resistance and high viscosity base oils, it may be suitable for use in applications subjected to high water wash, heavy loads, and low speeds. Premium Coupling Grease is not recommended for use in rolling element bearings. Consult owners manual for proper lubricant recommendation.

TYPICAL PROPERTIES:

CITGO PREMIUM COUPLING GREASE

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| SAP Code | 655231001 |
| NLGI Grade | 1 |
| Worked Penetration, ASTM D217 | 310-340 |
| Thickener Type | Lithium/Polymer |
| Color | Amber |
| Texture | Smooth, Adhesive |
| Dropping Point, °F(°C), ASTM D2265 | 336 (169) |
| Rust Prevention, ASTM D1743 | Pass |
| Copper Corrosion, ASTM D4048 | 1b |
| Centrifugal Oil Separation, ASTM D4425 | <8% |
| Oxidation, ASTM D942, psi loss @ 100 hrs | 3 |
| Water Spray Off, ASTM D4049, % Loss | <2% |
| Four-Ball Wear, ASTM D2266, mm | 0.4 |
| Four-Ball Weld, ASTM D2596, kgf | 400 |
| Four-Ball Load Wear Index, ASTM D2596, kgf | 63.4 |
| Oil Viscosity @ 100°C, cSt, with Oil Sol. Additives | 191 |
| Oil Viscosity @ 40°C, cSt, with Oil Sol. Additives | 4240 |
| Viscosity Index with Oil Sol. Additives | 148 |

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