

# GAZ-GR03 HD Lithium Complex Grease



## Product Description:

**GAZ-GR03** is versatile bearing grease fortified with synthetic rust and corrosion inhibitors, oxidation inhibitors and extreme pressure agents. It is designed for heavily loaded plain and moderate speed anti-friction bearings operating under generally adverse conditions. The lithium complex thickener provides a tacky, long life, cohesive grease with a 55 pound Timken OK load. **GAZ-GR03** is formulated with high viscosity index base oils and a structurally modified thickener that resists pound out and water washout under extreme conditions. Green color makes it easily identifiable.



## Applications / Features:

- Engineered specifically for heavily loaded bushings, ball and roller bearings, and heavy duty truck wheel bearings operating in hostile environments up to 350°F.
- Low oil bleeds.
- Excellent water resistance.
- Anti-wear additives.
- E.P. additives.
- Rust and corrosion inhibitors.
- Oxidation Inhibitors.

## Typical Properties:

**TABLE 1 : TYPICAL BASE OIL PROPERTIES**

Property	Test Method	Units	Base Oil
Kinematic Viscosity @ 100°C (212°F) @ 40°C (104°F)	ASTM D 445	cSt	20.4 237.4
Viscosity Index	ASTM D 2270		101
Pour Point	ASTM D 97	°C (°F)	-10(5)
Evaporation @ 250°C (482°F)	Noack	% Loss	4

**TABLE 2 : Typical Grease Properties**

Property	Test Method	Units	GAZ-GR03
Grade	NLGI	-	2
Penetration @ 25°(77°F) Unworked Worked 60 Strokes Worked 60,000 Strokes			275 277 274
Four-Ball Wear Scar (1 hour, 1200 RPM 75°C, (167°) @ 40kg. Load)	ASTM D-2266	Mm	0.54
Dropping Point	ASTM D-2265	°C(°F)	525 +
Four-Ball Extreme Pressure Weld Point Rust Prevention	ASTM D-2596 ASTM D-1743	Kg. Pass	400 Pass
Water Washout @ 175°F	ASTM D-1264	% Loss	< 2.0