

Product Description:

GAZ-GR01 is a unique blend of high VI paraffin base oils thickened with a tacky adhesive non-melt clay thickener. It has excellent thermal and oxidative stability. It's formulated with 3% powdered moly and Teflon™ for enhanced extreme pressure & anti-wear. Fortified with corrosion and oxidation inhibitors it is an excellent product for high temperature applications. The non-soap clay thickener imparts excellent resistance to water & steam and is designed for high operating speeds and adverse conditions.



Applications / Features:

- They can be used with confidence in heavy industries such as steel, and other metals, paper and forest products and mineral processing; as an all-purpose on road, off-road heavy equipment lubricant for chassis points, shackle pins, kingpins, ball joints, suspensions, rack and pinions, fifth wheel, universal joints, and wheel bearings.
- Provides excellent squeeze-out resistance of lubricant on equipment in the **Construction, Mining, Logging, & Marine Industries**
- The non-soap thickener exhibits excellent water resistance with an adhesive/cohesive film.
- The paraffinic base fluid coupled with a synergistic blend of antioxidants is extremely thermally stable for maximum performance.
- Its unique additive package provides high load carrying capacity and friction reducing properties. This feature makes it ideal for plain bearings, anti-friction bearings, conveyers, sliding surfaces and couplings.
- Low Volatility & High Viscosity Mineral Oil
- Resistance to Water & Good Oxidation Stability
- Molybdenum Disulfide & Teflon™
- Non Melt Thickener

Typical Properties:

TABLE 1: TYPICAL BASE OIL PROPERTIES

Property	Test Method	Units	Value
Specific Gravity @ 20 °C (77°F)	ASTM D 287	g/ml	0.815
Kinematic Viscosity @ 100 °C (212°F) @ 40 °C (104°F)	ASTM D 445	cSt	29.18 (138 Sus) 432 (2008 Sus)
Viscosity Index	ASTM D 2270		106
Pour Point	ASTM D 97	°C(°F)	-6 (+15)
Evaporation, 6 hrs. @ 250°C(482°F)	Noack ASTM D-5800	% Loss	3

TABLE 2: TYPICAL GREASE PROPERTIES

Property	Test Method	Units	GAZ - GR01
Grade	NLGI	-	2
Penetration, 25°C(77°F) Unworked Worked 60 strokes	ASTM D 1403	mm-1	270 265 - 295
Pressurized Differential Scanning Calorimeter @ 225°C (437°F), Induction time	ASTM D 5484	Minutes	10
Dropping Point	ASTM D 2265	°C(°F)	260 (500) No Melt
Four Ball Extreme Pressure Weld, Failure Load	ASTM D 2596	Kg.	350