

# GAZ- GR04 Platinum Spark E.P Grease



## Product Description:

**GAZ-GR04** is a *Tacky Silver Lithium Complex Grease*. **GAZ-GR04** is versatile bearing greases fortified with synthetic polymers, rust and corrosion inhibitors, oxidation inhibitors, and extreme pressure agents. Platinum greases have high viscosity index base oils and a structurally modified thickener that resists pound out and water washout under severe conditions. They are designed for heavily loaded plain and moderate speed anti-friction bearings. The lithium complex thickener provides a tacky, long life, cohesive grease with a 60 pound Timken OK load. Platinum contains special laminar metal flakes, organo-molybdenum additives, PTFE and moly which dramatically lower friction under severe loads. Distinctive Platinum (silver) color.

## Applications / Features:

- It can be used specifically for heavily loaded bushings, ball and roller bearings, and heavy duty wheel bearings operating in hostile environment up to 350°F.
- Ideal for heavy industrial applications, off-road equipment, trucking industry, mining and agricultural equipment.
- Low oil bleeds.
- Anti-wear additives.
- Excellent water resistance.
- Oxidation inhibitors.
- Rust and corrosion inhibitors.

## Typical Properties:

TABLE 1: TYPICAL BASE OIL PROPERTIES			
Property	Test Method	Units	Value
Specific Gravity @ 20 °C (77°F)	ASTM D 287	g/ml	0.82
<b>Kinematic Viscosity</b> @ 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

  

GRADE, NLGI	Test Method	Units	2
PENETRATION @ 25°(77F)	ASTM D-1403	mm-1	
Unworked			275
Worked 60 Strokes			277
Worked 60,000 Strokes			274
Four-Ball Wear Scar (1 hour, 1200 RPM 75°C,(167°) @ 40 Kg. Load	ASTM D-2266	Mm	0.54
DROPPING POINT	ASTM D-2265	°C(°F)	>290 (554+)
Four-Ball Extreme Pressure Weld Load Load Wear Index (LWI)	ASTM D-2596	Kg	620 >95
Rust Prevention	ASTM D-1743		Pass
Water Washout @ 175°F	ASTM D-1264	% Loss	<2.0