



PGM Multipurpose Crystal Greases

Lithium Base Multipurpose Crystal Grease, designed for a broad range of greasing applications in paper, automobile, textile, printing and dyeing, chemical, railway etc.

Multipurpose Crystal Grease is made of fatty acid metallic soap with quality base oil added with EP, anti-wear, and other additives. High dropping point, excellent mechanical stability, good oxidation stability are some of key features combine to minimize leakage from bearings even under high operating temperatures.

Multipurpose Grease resists water wash-out. It has superior adhesion to metal and unusually high oxidation stability, insuring long service. In addition, it provides good rust protection.

Multipurpose Crystal Grease is recommended for all points requiring grease on passenger cars, trucks, buses, trailers and farm tractors. These include wheel bearings, ball joints, all chassis points, universal joints, splines, linkages, dynamo and starter motor bearings, steering gears and water pumps. It is also recommended for general household use including grease lubricated bearings of power tools, lawn mowers, and may be used in industrial grease applications where the requirements are similar to those found in automotive service.

Multipurpose Crystal Grease application range is between -20°C to +120°C

MULTI PURPOSE CRYSTAL GREASE

| Description | Unit | Method | Typical Values |
|---|--------|-------------|--|
| NLGI NO. | | ISO | 3 |
| Appearance | | Visual | Ointment color from pale Yellow to brown |
| Texture | | Visual | Smooth |
| Penetration, worked 60 strokes | 0.1mm | ASTM D 217 | 220 – 250 |
| Prolonged Worked Penetration, after 100,000 Strokes | 0.1mm | ASTM D 217 | 310 |
| Dropping Point | °C | ASTM D 566 | ≥185 |
| Water washout 38°C, 1 hr | % wt | ASTM D 1264 | ≤1.9 |
| Oil Separation, 24 hrs at 100°C | % mass | IP 121 | ≤1.7 |

NOTE: The test data shown in this table are recent average values and are subject to usual tolerance

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