

NYE NYOGEL[®] 670F

A silica thickened, medium viscosity, synthetic hydrocarbon grease intended for sliding, bearing and gear train applications. Suitable for use on machinery and instrumentation where incidental contact with food is a possibility

The SmartGrease Company

NSF H-1 Approved

| Lubricant Properties | | | Typical Value | Test Method |
|--------------------------------|------------------------------------|------------|---------------|-----------------|
| Recommended Service Range (°C) | | | - 35 to 120 | |
| Thickener | | | Silica | - |
| Base Oil | Туре | | PAO | |
| | Kinematic Viscosity cSt (mm²/s) | 100°C | 22.8 | ASTM D-445 |
| | | 40°C | 194 | |
| | | -40°C | - | |
| | Viscosity Index | | 152 | ASTM D-2270 |
| | Flash Point (°C) | | 235 | ASTM D-92 |
| | Pour Point (°C) | | < - 40 | ASTM D-97 |
| Typical P | roperties of the Greas | e | | |
| Color, Appearance | | | White, Smooth | |
| Penetration 1/10 mm | Unworked | | 260 | ASTM D-217 |
| | Worked | 60 X | 281 | |
| | | 10,000 X | - | |
| | | 100,000 X | - | |
| | NLGI Grade | | 2 | |
| Density | gm/cc | 25°C | - | ASTM D-1480 |
| Dropping Point (°C) | | | non- melting | ASTM D-2265 |
| Oil Separation | 24 hours | 100°C | 3 % | FTM 791B, 321.2 |
| Evaporation | 24 hours | 100°C | 0.18 % | ASTM D-972 |
| Water Washout | 60 minutes | 40°C | - | ASTM D-1264 |
| Copper Corrosion | 24 hours | 100°C | - | ASTM D-4048 |
| 4 Ball Wear | 60 min., 600 RPM | 25°C | - | ASTM D-2266 |
| | 40 kg. load | 150°C | - | |
| Low Temperature | emperature Starting Torque | | - | |
| Torque (-40°C) | Running Torque | 10 minutes | - | ASTM D-1478 |
| gm-cm | Running Torque | 60 minutes | - | |
| Oxidative Stability | 100 hours | 100°C | - | ASTM D-942 |
| Bearing Rust Test | | | - | ASTM D-1743 |
| Apparent Viscosity | | | - | |

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product Material Safety Data Sheet for detailed safety information. (0707)

Nye Lubricants, Inc. 12 Howland Road, Fairhaven, MA 02719 USA Ph: 1.508.996.6721 Fx: 1.508.997.5285 nyelubricants.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we cannot guarantee the applicability of this information or the suitability of our products in any individual situation. For the same reason, the products discussed are sold without warranty, express or implied. Statements concerning the possible use of our products are not intended as recommendations to use our product in the infringement of any patent.