



SMOOTHER WORLD BETTER LIFE

Technical Data Sheet

Low Noise Motor Bearing Grease

Proposed Service Temperature

-20 °C to +150 °C

Examples of Application

- Rolling bearings in small and medium motors
- Motor bearings in fans and ventilation equipment
- Rolling bearings in pump drive motors
- Motor bearings in appliances and office equipment
- Sealed bearings requiring quiet operation
- Light-duty rolling bearings at moderate temperatures

Features and Benefits

- ✓ Polyurea and mineral base oil; NLGI 2 and 3
- ✓ Base oil viscosity at 40 °C: 110 mm²/s
- ✓ Designed for quiet motor bearing operation
- ✓ Lubricating film and vibration control
- ✓ Designed to retain structure under shear
- ✓ Oxidation resistance and bearing rust protection

NLGI Grade	2	3	Test Method
Appearance	Homogeneous grease	Homogeneous grease	Visual
Thickener Type	Polyurea	Polyurea	/
Base Oil Type	Mineral Oil	Mineral Oil	/
Base Oil Kinematic Viscosity (40 °C), mm ² /s	110	110	ASTM D445
Worked Penetration (25 °C), 0.1 mm	281	250	ASTM D217
Dropping Point, °C	250	260	ASTM D2265
Corrosion Preventive Properties (52 °C, 48 h)	Pass	Pass	ASTM D1743
Low Temperature Torque (-20 °C), Starting, N·m	0.22	0.29	ASTM D1478
Low Temperature Torque (-20 °C), Running, N·m	0.05	0.04	ASTM D1478
Noise Level (6201 Bearing), Starting Abnormal Sounds, N	2	3	Company method BVT tester
Noise Level (6201 Bearing), Running Abnormal Sounds, N	2	3	Company method BVT tester
Impurities (≥10 / ≥25 / ≥75 μm), particles/cm ³	200/0/0	300/200/0	/

Application Notes

- Select consistency for bearing size, speed, load and temperature. Follow equipment instructions for fill quantity and relubrication.
- Keep bearings and filling tools clean. Apply the required quantity evenly; check temperature, noise and operation during initial use.
- Clean lubrication points and check compatibility before changing grease. Prevent water, moisture and contamination; dispose of used grease properly.

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. The SDS is available upon request. Do not use this product for purposes other than the intended application. Take care to protect the environment when disposing of used product.