

## Multi-Purpose Grease for Rolling Bearings

# NSKGM3

**NSKGM3** is a lithium soap thickened mineral oil based grease which can be used for general industrial applications.

- ✓ Temperature Range from -20°C (-4 °F) up to 120°C (248 °F)
- ✓ Water resistant
- ✓ Good corrosion inhibiting properties
- ✓ Low evaporation

### TECHNICAL INFORMATION

Product Item Number: NSKGM3-(Packaging Size)

Test Item	Unit	Value	Test Method	
Visual Appearance		Yellowish Brown, Smooth		
Soap Type		Lithium		
Base Oil Type		Mineral Oil		
Base Oil Viscosity	40°C	mm <sup>2</sup> /s	170	ASTM D 445
	100°C	mm <sup>2</sup> /s	15.5	
Worked Penetration		220 - 250	ASTM D217	
NLGI Consistency Class		3	ASTM D217	
Dropping Point	°C	210	ASTM D 566	
Copper Strip Corrosion	100°C, 24h	Pass	ASTM D 4048	
Evaporation Loss	100°C, 22h	%	0.15	ASTM D 972
Oil Separation	100°C, 24h	%	1.0	ASTM D 6184
Oxidation Stability	99°C, 100h	kPa	25	ASTM D 942
Working Stability	10 <sup>4</sup> W		290	ASTM D 217
Water Washout	79°C, 1h		0.5	ASTM D 1264
Low Temperature Torque @ -20°C	Starting	N·m	0.461	ASTM D 1478
	Running	N·m	0.068	ASTM D 1478
Rust Protection	52°C, 48h		#1	ASTM D 1742-73