

NATIONAL LUBRICATING GREASE INSTITUTE CONSISTENCY GRADES		
NLGI Grade	Worked Penetration at 77°F (25°C) mm/10	Description
000	445 to 475	Softest grease. Just enough thickener to keep the oil from running out. Gear case lubricant.
00	400 to 430	Gear case lubricant.
0	355 to 385	Low temperature handling in centralized lubrication systems.
1	310 to 340	Needle and multiple row roller bearings. Number 0 and 1 greases generally are used for low temperature operation in centralized lubrication systems.
2	265 to 295	Ball and roller bearings, moderately loaded and medium speed applications. Most common grease grade. Generally applied by gun.
3	220 to 250	Wheel bearings, precision and high speed use. Prelubed ball bearings, double-sealed and double-shielded type.
4	175 to 205	High speed, lightly loaded applications. Water-pump grease.
5	130 to 160	Very stiff grease. Also used in high-speed applications. Rarely seen in modern equipment.
6	85 to 115	Solid-type grease. Pillow-block lubrication. Rarely seen in modern equipment.