



00 Grease

NLGI 00

Semi Fluid NLGI 00 Grease

Product Description

Atlantic 00 Grease is a high-quality, multipurpose, extreme pressure lithium grease recommended for heavy-duty, heavily loaded antifriction and plain bearings. It is ideal for these bearings when they are subjected to high speeds, moderate temperatures, water and shock loads. It does not contain any tackifiers, which makes it ideal for centralized lubrication systems. Atlantic 00 Grease is manufactured with high-viscosity index paraffinic basestocks and lithium 12-Hydroxy stearate soap stock. It is compounded with an effective extreme-pressure additive and corrosion inhibitors which impart good load-carrying characteristics and good chemical stability.

Technical Specifications

Physical Properties	Metric	English	Comments
Viscosity Measurement	95.0	95.0	Viscosity Index
Saybolt Viscosity at 100°F	880 SUS	880 SUS	Base Oil Property
Saybolt Viscosity at 210°F	86.0 SUS	86.0 SUS	Base Oil Property
Kinematic Viscosity at 40°C (104°F)	190 cSt	190 cSt	Base Oil
Kinematic Viscosity at 100°C (212°F)	17.0 cSt	17.0 cSt	Base Oil
Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	250 kg	551 lb (mass)	
Four Ball Wear	0.410 mm	0.0161 in	
Penetration P(60), 1/10 mm	415	415	
Timken Test	20400 g	45.0 lb	
Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	107 °C	225 °F	
Minimum Service Temperature, Air	-17.8 °C	0.000 °F	
Pour Point	-12.2 °C	10.0 °F	
Dropping Point	177 °C	350 °F	
Descriptive Properties			
ASTM Rust A&B		Pass	
Color		Green/Brown	
Low Temperature Mobility		0.3 gm/sec	at 0°F
		1 gm/sec	at 10°F
		2.2 gm/sec	at 20°F
Shear Stability	+4% in Consistency		Roll Stability
Soap Type (Thickener)		Lithium	
Water Washout		16%	at 100°F
		28%	at 175°F

Product code: GRS0000



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