



Super S® Super MP2 Graphite Grease

Super S® Super MP2 Graphite Grease is a multipurpose NLGI #2 graphite fortified lithium-based grease that exhibits good mechanical stability, rust inhibition and water resistance. It has a broad range of applications in automotive chassis and off-highway, over-the-road and industrial vehicles and equipment, as well as other general lubrication where a heavy grease with solid lubricants is required.

Super S® Super MP2 Graphite Grease has broad application from industrial and heavy equipment to home, workshop and recreational uses, and may be more suitable for use in many cases than dry powered graphite or basic household oils. Developed to protect equipment in severe applications operating at extreme temperatures. Its excellent adhesion, structural stability and resistance to water makes it suitable for use in a wide variety of machinery and components.

FEATURES/ BENEFITS

- Demonstrates good resistance to water washout
- Provides good mechanical stability - maintains consistency in service
- Long service life - stays on surfaces longer than oils or dry powders
- Protects against wear, oxidation/rust and corrosion - due to exposure to water, air and many cleaners and chemicals
- Excellent general purpose lubricant - household, workshop and everyday applications
- May be suitable for applications calling for dry powered graphite or basic household oils
- Helps resist viscosity increase at high temperatures to maximize relubrication intervals and bearing life
- Reduced downtime and maintenance costs because of reduced wear, rust and corrosion
- Graphite provides unmatched protection against wear in severe service applications

RECOMMENDATIONS/SPECIFICATIONS

Meets requirements of NLGI GA-LA

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling as for any petroleum product.

APPLICATIONS

- Lubrication of spring leaves, handbrake cables, flexible drives, exposed chains
- Universal joints, automotive chassis, and ball & roller bearings
- Fifth wheel lubricant
- Slow speed plain bearings and slides where heavy grease with solid lubricants is required
- Construction equipment including bulldozers, scrapers, loading shovels, and dump trucks
- Use where a graphite grease is recommended and high temperature capability is not required
- Plain bearings, locks, latches and fasteners
- Cables and springs, plain bearing locks, latches and fasteners
- Bicycle chains, bolt threads, swings, and recreational equipment
- Garage doors, lawn mowers, and other home and workshop needs



TYPICAL CHARACTERISTICS

Super S® Super MP2 Graphite Grease		
Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Grey/Black
Consistency	Visual	Smooth
Soap Type		Lithium
NLGI Grade		#2
NLGI Classification		GA-LA
Worked Penetration	217	265 - 295
Drop Point (°C/°F)	2265	171/340
Oil Separation	1742	<5
Filler		Graphite
Graphite Content %		15 Min
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	144 14.5
Viscosity Index	2270	99
Elastomer Change @ 100 °C Volume Change % Hardness Change %	4289	32 -12
4 Ball Wear Scar Diam., mm	2266	0.6
Low Temperature Torque N-m	4693	15.5
Estimated Operating Range, °F		0 - 275

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing

PRODUCT NUMBERS

SUS 416 50/ 14oz tubes