

MOLY GREASE

Moly Grease is formulated with a lithium soap thickener and solvent-refined high-viscosity index mineral base oil to act as the lubricant. It contains special chemical additives that enhance oxidation resistance and rust protection and provide extreme pressure protection. National Moly Grease contains micronized molybdenum disulfide (MoS₂). This grease forms an adhering film on metallic surfaces to provide additional protection against scoring. This makes the grease especially suitable for equipment operating under slow speed-high load conditions. The use of lithium soap base ensures effective resistance against softening under severe working conditions, good water resistance and consistency, which remains relatively constant over the recommended operating temperature range.

BENEFITS

- Excellent wear protection.
- Excellent load carrying ability
- Effective retention under shock load conditions.
- Long service life.
- Resistant to water washing.
- Good dispensing characteristics.

APPLICATIONS

Moly Grease is recommended for automotive and industrial applications where equipment is highly loaded and operates at slow speed. Good for automotive chassis and bearing applications in cars, vans, trucks, mining and construction vehicles, and tractors, especially those operating in dusty or wet areas.

PRODUCT CHARACTERISTICS

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	2	-
Color	-	Grey Black	Visual
Texture	-	Smooth	Visual
Thickener Type	-	Lithium	-
Mineral Oil Viscosity @40°C	mm ² /s	200.0	ASTM D-4052
Mineral Oil Viscosity @100°C	mm ² /s	17.5	ASTM D-445
Dropping Point (min)	°C	190	ASTM D-2265
Rust Test	-	Pass	ASTM D-1743
Timken OK Load (min)	kg	18	ASTM D-2509
Worked Penetration @25°C	mm/10	265/295	ASTM D-217
Oil Separation % (max)	% mass	5.0	ASTM D-1742
Operating Temp	°C	-10 to 140	-
MoS ₂	% mass	2.0	ASTM D-4954
Product Code	-	002042	-

