PETROMIN

PRODUCT DATA SHEET

MOLY GREASE

PETROMIN MOLY GREASE is formulated with a lithium 12-hydroxy stearate 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, rust protection, and provide extreme pressure protection. PETROMIN MOLY GREASE contains micronised 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 12-hydroxy stearate as the 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

PETROMIN 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.

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PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	**2**	-
Color	-	Grey Black	Visual
Texture	-	Smooth	Visual
Thickener Type	-	Lithium	-
Mineral Oil Viscosity @ 40 ºC	mm^2/s	200.0	ASTM D-445
Mineral Oil Viscosity @ 100 ºC	mm^2/s	17.5	ASTM D-445
Dropping Point (min)	ºC	190	ASTM D-2265
Worked Penetration at 25 ºC	mm/10	200/250	ASTM D-217
Oil Separation, mass % (max)	% mass	5.0	ASTM D-1742
Operation Temp	ºC	-10 to 140	-
Timken OK Load	Kg	18	ASTM D-2509
Rust Test	-	Pass	ASTM D-1743
MoS_2	% mass	2.0	ASTM D-4954
Product Code		**0020**	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.