PETROMIN

PRODUCT DATA SHEET

EP GREASE

PETROMIN EP GREASE series is extreme pressure lithium soap grease, which contains oxidation, rust and corrosion inhibitors and provides excellent EP properties. The use of a lithium soap base ensures effective resistance to softening under severe working conditions, efficient water resistance and a consistency, which remains relatively constant over the recommended range of operating temperatures. Petromin EP Grease is non-corrosive to both steel and copper. The later is of importance because of the use of bronze cages in many anti-friction bearings. The grease exhibits effective resistance to bleeding and superior resistance to water washout.

BENEFITS

- Superior lubrication under heavy and shock loading.
- Excellent load carrying ability.
- Excellent resistance to water washing.
- Effective rust protection and corrosion resistance.

APPLICATIONS

PETROMIN EP GREASE is recommended for lubrication of plain and rolling element bearings in normal through heavy-duty industrial applications.

It is suitable where loads are high or shock loads are present. It resists water washing and provide rust protection for bearings if water is present. The softer grades are particularly suitable for use in centralized lubrication systems.

Can be used for both automotive and industrial applications.

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PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE					TEST METHOD
NLGI GRADE	-	**00**	**0**	**1**	**2**	**3**	-
Color	-	Dark Brown			Brown Black		Visual
Texture	-	SF	Smooth		Smooth		Visual
Thickener Type	-	Lithium			Lithium		-
Mineral Oil Viscosity @ 40 ºC	mm^2/s	200.0	200.0	200.0	200.0	200.0	ASTM D-445
Mineral Oil Viscosity @ 100 ºC	mm^2/s	17.5	17.5	17.5	17.5	17.5	ASTM D-445
Dropping Point (min)	ºC	170	180	185	195	195	ASTM D-2265
Worked Penetration at 25 ºC	mm/10	400/430	355/385	310/340	265/295	220/250	ASTM D-217
Oil Separation, mass % (max)	% mass	-	-	-	5.0	5.0	ASTM D-1742
Operation Temp	ºC	-10 to 130					-
Rust Test	-	Pass	Pass	Pass	Pass	Pass	ASTM D-1743-
Product Code		**0160**	**0480**	**0140**	**0150**	**0470**	

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

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