

GREASES EP

Grease EP 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. National Grease EP is non-corrosive to both steel and copper. The latter 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

Grease EP 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 fluctuating in nature. The softer grades are particularly suitable for use in centralized lubrication systems. Can be used for both automotive and industrial applications.

PRODUCT CHARACTERISTICS

PROPERTIES	UNITS	VALUE			TEST METHOD
NLGI GRADE	-	1	2	3	-
Color	-	Dark Brown	Dark Brown	Dark Brown	Visual
Texture	-	Smooth	Smooth	Smooth	Visual
Thickener Type	-	Lithium	Lithium	Lithium	-
Mineral Oil Viscosity @40°C	mm ² /s	200.0	200.0	200.0	ASTM D-4052
Mineral Oil Viscosity @100°C	mm ² /s	17.5	17.5	17.5	ASTM D-445
Dropping Point (min)	°C	185	195	195	ASTM D-2265
Worked Penetration @25°C	mm/10	310/340	265/295	220/250	ASTM D-217
Oil Separation (max)	% mass	-	5.0	5.0	ASTM D-1742
Operating Temp	-	-	-	-	-
Rust Test	-	Pass	Pass	Pass	ASTM D-1743
Product Code	-	014042	015042	047042	-

