

# EP GREASE, HD EP GREASE & SPECIAL EP GREASE (Lithium)

*(Lithium Hydroxide + Special Extreme Pressure Additive)*

**DESCRIPTION:** EP GREASE, HD GREASE EP & SPECIAL EP grease is premium grease designed for constructions, automotive and industrial applications. They also contain Lithium and antioxidants, anti corrosion and SPECIAL EP GREASE additives together provides protection against rust and oxidation grease with good surface adhesion properties for plain & anti-friction bearings with high pumpability and heavy shock loads. These greases are suitable for good performance in the areas of corrosion protection for low, medium & high speed & temperature service life.

## FEATURES & BENEFITS OF EP GREASE, HD EP GREASE & SPECIAL EP GREASE

- Reduced wear under heavy shock and vibration for good equipment reliability and availability.
- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water. (EP-2 & EP-3)
- Extended bearing life in wet environment for reduced bearing costs and unanticipated downtime.
- Good pump ability in centralized systems (EP-0 & EP-1)
- Effective leakage control (EP-0, EP-00 & EP-000).

## APPLICATIONS

- EP-0 and EP-1 provide good low temperature pump ability and are suitable for centralized lubrication and other applications where low temperature performance is required.
- EP-2 is recommended for multipurpose applications in antifriction and plain bearings, stone jaw crusher & Cone, bushings and pins under normal operating conditions.
- EP-3 grease is stiffer grease recommended for applications where maximum protection against penetration of water or solid contaminants is required Example: Quarry (Jaw Crusher).
- EP-0, EP-00 & EP-000 is particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor gearings. EP-0, EP-00 & EP-000 can also be used in many other industrial and constructions applications in Textiles Industry where conventional gear oils cannot be retained in equipment such as stone crusher, gear cases, chain cases, and wire ropes because of leakage due to worn or missing seals.

## PROPERTIES OF EP GREASE, HD EP GREASE & SPECIAL EP GREASE

NLGI GRADE	000	00	0	1	2	3
Thickener Type	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Base oil Type	Mineral	Mineral	Mineral	Mineral	Mineral	Mineral
Color, Visual	Amber Brown	Amber Brown	Amber Brown	Amber Brown	Amber Brown	Amber Brown
Penetration, Worked	460	415	370	325	280	235
Viscosity Cst @ 40°C	320	220	220	160	160	160
Operating Range	-10°C to 140°C	-10°C to 140°C	-10°C to 140°C	-10°C to 140°C	-10°C to 140°C	-10°C to 140°C
4-Ball Weld Load	250	250	250	250	250	250
Dropping Point	-	-	+190	+190	+190	+190

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