

# GREASE

## EP 0, 1, 2, 3

### DESCRIPTION

GREASE EP is an extreme pressure Lithium soap grease that 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. GREASE EP is non-corrosive to both steel and copper.

The grease exhibits effective resistance to bleeding and superior resistance to water wash out.

### 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 shock loads are present. It resists water washing and provides rust protection for bearings if water is present. The softer grades are particularly suitable for use in centralized lubrication system and can be used for both automotive and industrial applications.

### BENEFITS

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

### PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE				TEST METHOD
NLGI Grade		-	0	1	2	3	-
Color		-	Brown				Visual
Texture		-	Smooth				Visual
Thickener Type		-	Lithium Soap				-
Mineral Oil	@ 40°C	mm <sup>2</sup> /s	219	219	219	219	ASTM D-445
	@ 100°C	mm <sup>2</sup> /s	19	19	19	19	ASTM D-445
Dropping Point	(min)	°C	180	190	197	200	ASTM D-2265
Worked Penetration	@ 25°C	mm/10	370	325	280	235	ASTM D-217
Oil Separation, mass%		%mass	-	3	2	2	ASTM D-1742
Operating Temp		°C	-20°C up to +100°C	-20°C up to +110°C	-20°C up to +125°C	-20°C up to +130°C	-
Four Ball Welding Load		Kg	-	>270	>270	>270	ASTM D-2596