

UNION ENERGY EP GREASE

Product Description:

UNION ENERGY EP GREASE is premium lithium soap, multi-functional extreme pressure, high-temperature grease. It is suitable for high load, shock load and vibration applications in variety of automotive, industrial, construction, mining and marine applications. It has outstanding performance properties at both high and low temperatures. It is particularly suited for applications such as bearings and ball and steering joints where moisture or condensation excellent performance properties at both high and low temperatures.

Applications / Benefits:

- ▣ Provision of a high dropping point
- ▣ Can be used for wide range of bearing speed.
- ▣ Enhanced protection against rust and corrosion.
- ▣ Reduced wear under heavy or shock load and vibrations.
- ▣ Outstanding resistance to water washout and contamination.
- ▣ Prolonged life in wet environments.

Typical Characteristics:

Test Description	Method	2#	3#
NLGI grade		2#	3#
Thickener type		Lithium Soap	Lithium Soap
Color		Light Yellow	Light Yellow
Texture		Smooth	Smooth
Dropping Point, °C	ASTM D 566	> 195	> 200
Worked Penetration	ASTM D 217	265-295	220-250
4 Balls EP, kg	ASTM D 2596	200	200
4 Ball Wear, mm	ASTM D 2266	0.70	0.63
Copper Corrosion 100°C/121°C	ASTM D 130	1a	1a
Evaporation Loss, wt%	ASTM D 972	< 0.2	< 0.2
Oil Separation, wt%	ASTM D 6184	< 4.0	< 3.0
Water Washout 38°C	ASTM D 1264	< 0.55	< 0.45

Specifications, Approvals & Recommendations:

- Meets U.K Timken Standard.