

Application

GRENIN EP SERIES is a high performance product consisting of five general purpose industrial oils and two semi-special application oils. These lithium hydroxystearate oils are formulated to provide additional protection against wear, corrosion and water washout. NLGI grades 0 to 3 are available.

GRENIN EP SERIES oils are recommended in many industrial applications, including high pressure. These oils provide excellent corrosion protection and are particularly suitable for equipment in damp or wet conditions due to their water wash properties. **GRENIN EP 0** and **1** are suitable for centralized systems. **GRENIN EP 2** and **3** are general purpose oils. Recommended operating temperature is -20°C-130°C, but can be used at higher temperatures if lubrication frequency is increased.

Properties

- Less wear and vibration under heavy or shock loading for equipment reliability and availability
- Color and corrosion protection
- Resistance to water washing, good lubrication even in water conditions
- Low bed costs
- Stable long-range stand-by potential with good pumpability in centralized systems

Approvals

DIN 51826
DIN 51825

Specifications

Specifications	Unit	Test method	GRENIN EP SERIES			
			0	1	2	3
NLGI Grade	-	-	0	1	2	3
Soap/Thickener	-	-	Lithium	Lithium	Lithium	Lithium
Worked Penetration at 25°C	mm*10 ⁻¹	ASTM D217	370	325	280	239
Base Oil Viscosity at 40°C	mm ² /s	ASTM D445	160	160	160	160
Dropping Point	°C	ASTM D2265	190	190	190	187
4-ball wear	mm	ASTM D2266	0.4	0.4	0.4	0.4

*The features mentioned above are average values obtained with some variability in production and do not constitute a specification