

## Product Data Sheet

### Crystal EP 00

#### Description and Applications

**Saheli Crystal EP 00** is a lithium thickened lubricating grease based on mineral oil and contains antioxidants, corrosion inhibitors and EP/AW additives.

**Saheli Crystal EP 00** is a state-of-the-art multipurpose EP grease which can be used in various applications within given temperature limits.

**Saheli Crystal EP 00** offers good mechanical stability, high load carrying capacity and good corrosion protection and is easy to pump at low temperatures.

**Saheli Crystal EP 00** is a high quality multipurpose grease that can be used in both industrial and automotive applications.

The consistency of **Saheli Crystal EP 00** makes it suitable for use in centralized lubrication systems that require semi-fluid grease and is also suitable for use in gearboxes.

#### Temperature Range

Continuous operation: -30°C to +100°C

Short period: max +120 °C

#### Specifications/Classification

- **NLGI 00**
- DIN 51502: KP00K-30 / ISO 6743: ISO-L-XCCFB00

Test Parameters	Test Method	Typical
Approximate Density @20°C	IPPM-CS/03	890kg/m <sup>3</sup>
<b>NLGI Classification</b>	<b>ASTM D217</b>	<b>00</b>
Base Oil Viscosity @ 40°C	ISO 12058	290mm <sup>2</sup> /s
Base Oil Viscosity @ 100°C	ISO 12058	20mm <sup>2</sup> /s
Dropping Point °C	IP 396	>160
<u>Mechanical Stability</u>		
Penetration 60 strokes	ISO 2137	400-430
Penetration 100.000 strokes	ISO 2137	+35
Shell Roll Stability 50hrs @ 80°C	ASTM 1831mod	+80
<u>Corrosion Protection</u>		
Copper Corrosion 24hrs @ 100°C	ASTM D4048	1b
Water washout resistance	DIN 51807-1	1-90
Oil Separation 168hrs @ 40°C	IP 121	10%
<u>Anti-wear Properties</u>		
4-ball wear scar 1hr @ 400 N	DIN 51350-5	0.5mm
Oxidation Stability 100hrs @ 100°C	ASTM D942	47 kPa
Flow Pressure @ -35°C	DIN 51805	925hPa

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.

Saheli Energy Solutions P.O.Box : 500102 Fax : +971 44301710 Dubai, UAE - info@saheli-lubes.com - www.saheli-lubes.com