



Product Data Sheet

EP GREASE NLGI 1

Product Description:

EP GREASE NLGI 1 is a high quality multipurpose lithium thickened EP-1 grease suited for automotive, agriculture and industrial applications. EP GREASE NLGI 1 is suitable for a wide range of plain and rolling bearings.

EP GREASE NLGI 1 is based on high quality mineral base oil in combination with an unique additive package to ensure the following properties:

- Good mechanical stability.
- High load carrying capacity.
- Good corrosion protection.
- Easy to pump at low temperatures.
- Suited for loaded bearings as well as wet environments.

Temp Range: Continuou operation: -30°C to + 120°C. Short perios maximum +130°C

EP GREASE NLGI 1 exceeds the following performance criteria:

DIN 51502 KP1K-30 ISO 6743-9 ISO-L-XCCFB1

Property	Unit	Test Method	Typical Value
NLGI Grade		ASTM D217	1
Color		Visual	Yellow/Brown
Density @20°C	kg/m ³	IPPM-CS/03	930
Dropping Point	°C	IP 396	>180
Base Oil Viscosity @40°C	mm ² /s	ISO 12058	200
Base Oil Viscosity @100°C	mm ² /s	ISO 12058	15
4-Ball Weld Load	N	DIN 51350- 4	2600
Mechanical Stability			
Penetration 60 strokes		ISO 2137	310-340
Penetration 100.000 Strokes		ISO 2137	+30
Shell Roll Stability, 2 hrs / rt		ASTM D1831	+30
Shell Roll Stability, 50 hrs @80°C		ASTM D1831 mod	+80
Oxidation Stability, 100hrs @100°C	kPa	ASTM D942	30
Oil Separation 168hrs @40°C	%	IP 121	10

Product Nr: 4406

Date Issued: 02-01-2014

Date Superseded:

Revision nr: -