



Castrol Spheerol SY 1002

Super Premium Synthetic Greases

Description

Castrol Spheerol™ SY 1002 is a lithium complex thickened lubricating grease based on synthetic oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

Application

The thickener, together with the synthetic base oil, makes the product suitable for various types of bearing applications including high and low temperature applications. The complex soap structure also gives the product a high degree of mechanical stability. Castrol Spheerol™ SY 1002 is suitable for use in Electric Motors.

Advantages

- Outstanding high and low temperature performance.
- Very good mechanical stability.
- High load carrying capability.
- Good corrosion protection.

Typical Characteristics

Name	Method	Units	Spheerol SY 1002
Thickener Type	-	-	Lithium Complex
NLGI Classification	ISO 2317, ASTM D217	-	2
Colour	Visual	-	Beige
Drop Point	ASTM D566	°C	>260
Base Oil Viscosity at 40°C	ISO 3104, ASTM D445	mm ² /s	100
Worked penetration, 25°C at 60 Strokes	ISO 2137, ASTM D217	0.1mm	265-295
Four Ball Weld Load	DIN 51350 : 4	N	3,400
Operating Temperature Range	-	°C	-40 to +150

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.
Note 1 mm²/s = 1 cSt

Storage

Supplied in packs of approximately 18kg pails. Note the actual pack pize may vary according to country of supply.

Where outside storage is unavoidable, packs should be covered.

Ensure packs are tightly resealed after use and that they have not been contaminated in any way.

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