



Spheerol HTB

High Temperature Grease

Description

Castrol Spheerol™ HTB is a non-melting grease based on bentonite clay thickeners containing high viscosity oils, anti-oxidants and is resistant to water.

Application

Castrol Spheerol HTB is suitable for use within a very wide temperature range and especially at elevated temperatures for both industrial and automotive applications. The all-round properties make it suitable for various types of bearings, including temperature peaks up to 140°C.

Advantages

- Bentonite based so is suitable for a wide working temperature range.
- Suitable for heavy and shock loading capabilities
- High thermal stability giving enhanced service life

Typical Characteristics

Name	Method	Units	Spheerol HTB
Appearance	Visual	-	Smooth amber / brown grease
Thickener type	-	-	Bentone
Base Oil	-	-	Mineral
Consistency	ASTM D217	NLGI Grade	2.5
Worked Penetration (60 strokes @ 25°C)	ASTM D217	0.1 mm	250-270
Dropping Point	ASTM D2265	°C	N/A
Base oil kinematic viscosity @ 40°C	ASTM D445	mm ² /s	500
Base oil kinematic viscosity @ 100°C	ASTM D445	mm ² /s	32
Four Ball Weld load	ASTM D2596	kg	150
Timken OK load	ASTM D2509	kg	18
Water Wash out resistance at 79°C	ASTM D1264	%	0

Subject to usual manufacturing tolerances.

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