



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 at 40°C	ASTM D445	mm ² /s	500
Base oil kinematic viscosity at 100°C	ASTM D445	mm ² /s	32
Water Wash out resistance at 79°C	ASTM D1264	%	0
Timken OK load	ASTM D2509	kg	18
Oxidation Resistance pressure drop after 100 hours	ASTM D942	kPa	28
Four Ball Weld test	ASTM D2596	kg/f	150

Subject to usual manufacturing tolerances.

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27 Apr 2020

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Castrol Australia Pty Limited - ABN 87 008 459 407 – 717 Bourke Street, Docklands Vic 3008
 Technical Advice Line: 1300 557 998 Customer Service: 1300 722 088

<http://msdspdscastrol.com>

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