

Text

BENTONE 2 HV

Product Code – GTSE-TCHEM37

Description

Bentone 2 HV is a premium quality grease with a high viscosity base oil for use in plain and anti-friction bearings subjected to elevated temperatures and loads. The consistency of the grease remains stable throughout a wide operating temperature range.

Features & Benefits

- High degree of water resistance
- Good pumpability characteristics
- Good sealing properties in dusty conditions
- Wide operating temperature range
- Good adhesion properties

Method of Application

Always follow the equipment manufacturer's recommendations and instructions prior to use. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, clean or purge components prior to application. To ensure adequate lubrication, apply the quantity of grease recommended by the equipment manufacturer.

Packaging

To customer requirements. Minimum order quantities apply.

Storage

Products should always be stored in their original packaging and at temperatures between 0°C and 25°C, away from any moisture and direct sources of heat or sunlight. The recommended shelf life for grease is 2 years when stored under normal recommended conditions.

Handling

For more extensive information on the safe handling and use of this product, please refer to the product safety data sheet (SDS). A copy of the SDS is available on request.

Harmonised Commodity (HS) Code: 27101999

Technical Data

Technical data provided is typical of a production batch and as such, batch-to-batch variations may occur. Please note that method-specific repeatability and reproducibility tolerances are also applicable.

Properties	Unit	Method	Typical
Appearance	-	-	Smooth Grease
Colour	-	-	Brown
NLGI Grade	-	-	2
Thickener	-	-	Bentone
Base Oil	-	-	Semi-Synthetic
Base Oil Viscosity @ 40°C	cSt	ASTM D445	460
Worked Penetration	dmm	ASTM D217	265-295
Dropping Point	°C	ASTM D2265	>280
Oil Separation		IP 121	
42 hours @	%		0.1
40°C 168	%		0.3
hours @			
40°C			
Copper Corrosion		ASTM D4048	
24 hours @ 100°C	-		1a
Water Washout		ASTM D1264	
1 hour @ 79°C	%		2.5
Water Spray-Off	%	ASTM D4049	55
Oxidation Stability			
Time to 10% Loss @ 160°C	min	ASTM D8206	145
FFK Flow Pressure,			
- 30°C	hPa	DIN 51805-2	1050
Operating Temperature	-	-	-20°C to +160°C