

## Bento Grease

### Features and benefits

DAYAN GREASE BENTONE SERIES, based on an inorganic non-soap thickener and a specially selected base oil, will provide satisfactory lubrication beyond the temperature limitations of lithium based greases.

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Recommended for use in bearings operating in the temperature range -10°C to 180°C.

DAYAN GREASE BENTONE SERIES gives good service life in many applications where expensive synthetic or silicone lubricants would otherwise be considered.

DAYAN GREASE BENTONE SERIES may be used at temperatures in excess of 200°C.

### Application

A severe limitation in many high temperature greases is the type of organic metallic soap thickener. It can melt at high temperatures destroying the grease structure-greatly reducing its retention and lubrication properties. The special inorganic clay thickener contained in DAYAN GREASE BENTONE SERIES is free from any melting limitation. It controls the vaporisation and oxidation stability of the base oil and helps to extend grease life and maximise working temperature.

### Storage and Handling

Proper standards of storage and handling are necessary with all lubricants, and are particularly vital with greases. Packages should be treated with care at all stage, to prevent contamination of their contents and damage to containers. All packages should be stored indoors. where outside storage is unavoidable, they should be covered to avoid the possible ingress of water and the consequent obliteration of painted markings. Greases should not be exposed to extremes of temperature nor to direct hot sunlight.

The DAYAN trademark is registered and protected in Iran.

## Technical Data

Test	Units	Method	BENTONE 100 1.5	BENTONE 460 1	BENTONE 460 2	BENTONE 460 3
NLGI Consistency	-	-	1.5	1	2	2
Soap Type	-	-	Clay	Clay	Clay	Clay
Kinematic Viscosity at 40°C	cSt	ASTM D445	100	460	460	460
Kinematic Viscosity at 100°C	cSt	ASTM D445	-	30	30	30
Cone Penetration, Worked	0.1mm	ASTM D217	280	310-340	265-295	220-250
Dropping Point	°C	ASTM D566	-	-	-	-

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.